

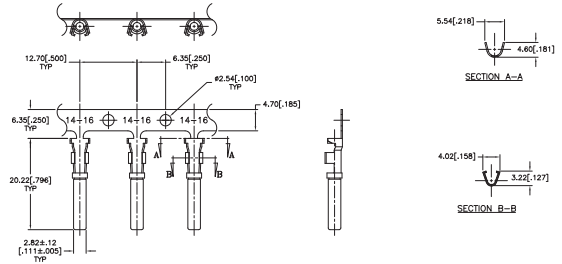
STAMPED AND FORMED CONTACTS, PG 1 of 2

Click on blue underlined part numbers to be taken to their spec sheets.

OPTIONS

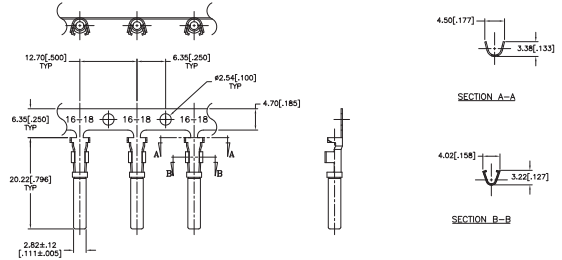
PART NUMBER: AT62-14-01XX
DESCRIPTION: CONTACT, SOCKET, STAMPED, SIZE 16

MATERIAL:
 CONTACT BODY: COPPER ALLOY
 HOOD: STAINLESS STEEL
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-00, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



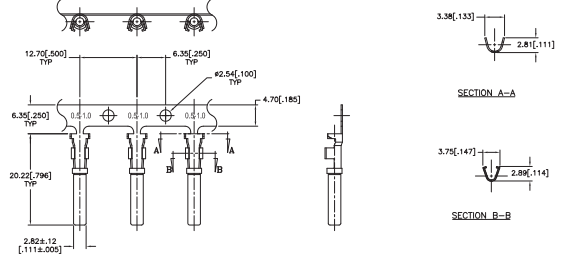
PART NUMBER: AT62-16-01XX
DESCRIPTION: CONTACT, SOCKET, STAMPED, SIZE 16

MATERIAL:
 CONTACT BODY: COPPER ALLOY
 HOOD: STAINLESS STEEL
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-00, ATT-16-01, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



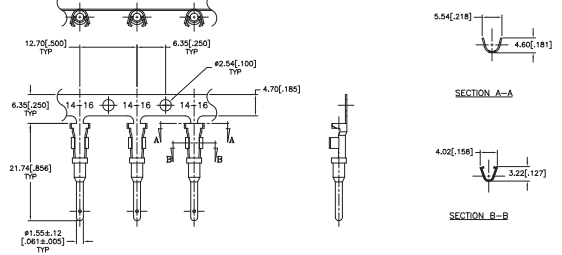
PART NUMBER: AT62-16-06XX
DESCRIPTION: CONTACT, SOCKET, STAMPED, SIZE 16

MATERIAL:
 CONTACT BODY: COPPER ALLOY
 HOOD: STAINLESS STEEL
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-01, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



PART NUMBER: AT60-14-01XX
DESCRIPTION: CONTACT, PIN, STAMPED, SIZE 16

MATERIAL: COPPER ALLOY
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-00, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



STAMPED AND FORMED CONTACTS, PG 2 of 2

Click on [blue underlined](#) part numbers to be taken to their spec sheets.

OPTIONS

PART NUMBER: AT60-16-01XX

DESCRIPTION: CONTACT, PIN, STAMPED, SIZE 16

MATERIAL: COPPER ALLOY

PLATING SUFFIX CODE:

XX=22 NICKEL PLATING

XX=44 GOLD PLATING

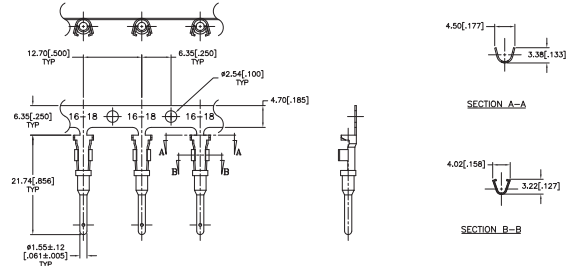
CONTACT GENERAL DATA SPECIFICATION: S2-15217

AVAILABLE CRIMPERS: ATT-16-00, ATT-16-01, MFX-3950 & MFX-3953

CRIMPER SPECIFICATIONS: S2-15223 & S2-15224

CRIMP INFORMATION DRAWING: S2-15221 & S2-15222

CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



PART NUMBER: AT60-16-06XX

DESCRIPTION: CONTACT, PIN, STAMPED, SIZE 16

MATERIAL: COPPER ALLOY

PLATING SUFFIX CODE:

XX=22 NICKEL PLATING

XX=44 GOLD PLATING

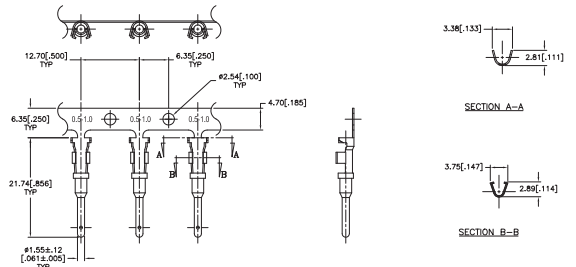
CONTACT GENERAL DATA SPECIFICATION: S2-15217

AVAILABLE CRIMPERS: ATT-16-01, MFX-3950 & MFX-3953

CRIMPER SPECIFICATIONS: S2-15223 & S2-15224

CRIMP INFORMATION DRAWING: S2-15221 & S2-15222

CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



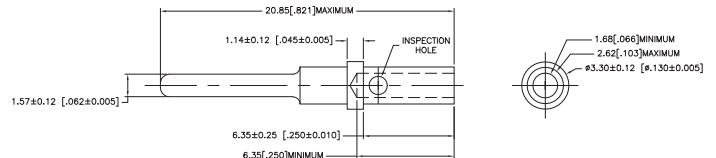
SOLID/MACHINED CONTACTS

Click on [blue underlined](#) part numbers to be taken to their spec sheets.

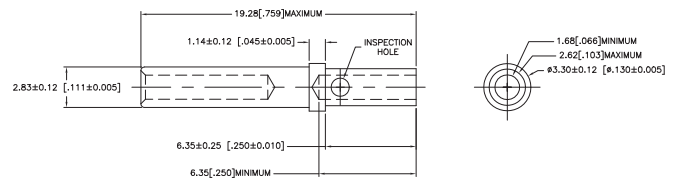
OPTIONS

MILITARY-STYLE

PART NUMBER: [AT60-202-16XX](#)
DESCRIPTION: CONTACT, PIN, SOLID MACHINED, SIZE 16
MATERIAL: COPPER ALLOY
PLATING SUFFIX CODE:
 XX=141 NICKEL PLATING
 XX=31 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218

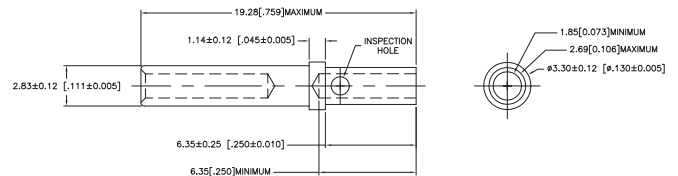


PART NUMBER: [AT62-201-16XX](#)
DESCRIPTION: CONTACT, SOCKET, SOLID MACHINED, SIZE 16
MATERIAL:
 CONTACT BODY: COPPER ALLOY
 HOOD: STAINLESS STEEL
PLATING SUFFIX CODE:
 XX=141 NICKEL PLATING
 XX=31 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218

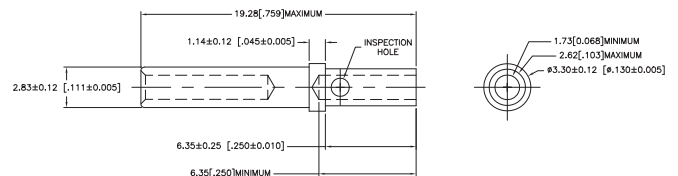


ROCKSOLID™ CONTACTS

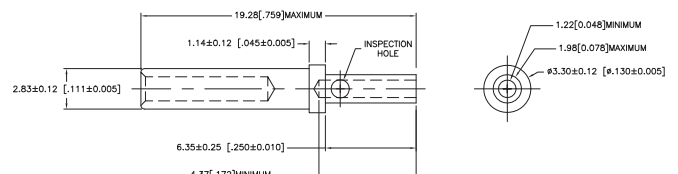
PART NUMBER: [65-54942-14](#)
DESCRIPTION: CONTACT, SOCKET, ROCKSOLID, SIZE 16
AWG RANGE: 14AWG
MATERIAL: COPPER ALLOY
PLATING: GOLD
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218



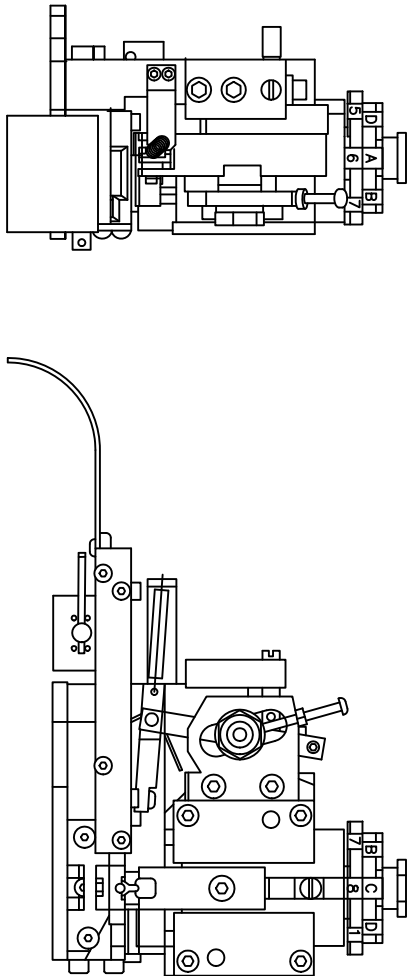
PART NUMBER: [65-54942-16](#)
DESCRIPTION: CONTACT, SOCKET, ROCKSOLID, SIZE 16
AWG RANGE: 16AWG
MATERIAL: COPPER ALLOY
PLATING: GOLD
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218



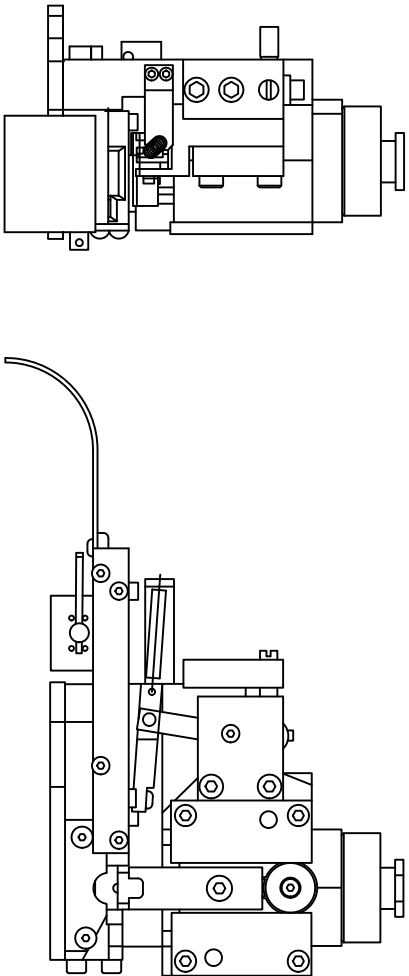
PART NUMBER: [65-54942-20](#)
DESCRIPTION: CONTACT, SOCKET, ROCKSOLID, SIZE 16
AWG RANGE: 20AWG
MATERIAL: COPPER ALLOY
PLATING: GOLD
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218



REVISIONS			
REV	ZONE	ECO	DESCRIPTION
1	-	-	RELEASE NUMBER 016571
		DATE	BY
		6/12/09	B.D.B.
			M.R.F.



SINE PART NUMBER	MFX-3950
DEUTSCH PART NUMBER	DCT16-02-00
TYCO PART NUMBER	1-3-1385344-1, 2, 3, 4, 5 & 7



SINE PART NUMBER	MFX-3953
DEUTSCH PART NUMBER	DCT1620-02-00

ALL REFERENCES TO DEUTSCH PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO DEUTSCH INDUSTRIAL PRODUCTS.

ALL REFERENCES TO TYCO PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO TYCO ELECTRONICS.

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in inches.			
2) Tolerances are as follows:			
3) Finishes are as follows:			
4) Surface texture is as follows:			
5) Fabrication Standards Per:			
6) Material:			
7) Heat Treatment:			
8) Plating:			
9) Painting:			
10) Assembly:			
11) Inspection:			
12) Packaging:			
13) Marking:			
14) Shipping:			
15) Storage:			
16) Disposal:			
17) Other:			
18) Notes:			
19) Revision:			
20) Date:			
21) Drawn by:			
22) Checked by:			
23) Approved by:			
24) Customer:			
25) Project:			
26) Part Number:			
27) Drawing Number:			
28) Scale:			
29) Sheet:			
30) Total:			

REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NUMBER 016571	6/12/09	B.D.B.	M.R.F.

REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NUMBER 016571	6/12/09	B.D.B.	M.R.F.

ATT-16-00 WITH CAVITY A & B

CONTACT P/N:	INSULATION ϕ	CAVITY	WIRE SIZE
AT60-16-01**	PIN .075 - .140	B	1.5mm ²
AT62-16-01**	SOC [1.91 - 3.56]	A	16AWG
		A	1.0mm ²
AT60-14-01**	PIN .095 - .150	B	14AWG
AT62-14-01**	SOC [2.41 - 3.81]	B	2.0mm ²
		B	1.5mm ²
		A	1.5mm ²
		A	16AWG
		A	1.0mm ²
AT60-16-06**	PIN .055 - .100	A	16AWG
AT62-16-06**	SOC [1.40 - 2.54]	A	1.0mm ²

The drawing shows a hand tool, possibly a pry bar or a similar lever. The main view is a perspective drawing of the tool. It has a long, curved handle and a flat, rectangular head. The head has a central slot and a small circular hole on the right side. Two detail insets are shown: one at the top left and one at the top right. The top left inset shows a cross-section of the handle with labels 'D', 'C', and 'D' from left to right. The top right inset shows a cross-section of the head with labels 'D', 'A', and 'D' from left to right. The tool is shown in a position where the handle is curved upwards and the head is pointing to the right.

USE CRIMPER NUMBER:
ATT-16-01 WITH CAVITY C & D

CONTACT P/N:	INSULATION ϕ	CAVITY	WIRE SIZE
AT60-16-01**	.075 - .140	D	18AWG
AT62-16-01**	[.1.91 - 3.56]	D	.75mm ²
AT60-16-06**	.055 - .100	D	18AWG
AT62-16-06**	[1.40 - 2.54]	D	.75mm ²
		C	.50mm ²

ALL REFERENCES TO DEUTSCH PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO DEUTSCH INDUSTRIAL PRODUCTS.

1. ALL DIMENSIONS IN INCHES [MILLIMETERS]
FOR PLATING CODES ** SEE CONTACT DATA DRAWINGS.

3. THIS TOOL IS FOR CRIMPING SIZE 16 CONTACTS ONLY TO WIRES LISTED IN THE CHARTS.

4. DEUTSCH IPD CROSS REFERENCE PART NUMBERS ARE DTT-16-00 AND DTT-16-01.

PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST		
QUANTITY	SINE Systems Corporation	
UNLESS OTHERWISE SPECIFIED:		
1) All dimensions are in inches.		
2) Tolerances are as follows:		
a. Holes .0005		
b. Flatness .001		
c. Pl. Per .0005		
3) Threaded fasteners are A-192.		
4) Surface Finish is 63.		
5) Part = 202020		
6) Note Reference = A		
MATERIAL SPECIFICATIONS:		
N/A		
PROCESS SPECIFICATIONS:		
TEST ASST:		
SIGNATURES	DATE	
DRAWN: BENJAMIN	6/8/09	
CHECKED: ROSE	6/8/09	
ENGINEER: BENJAMIN		
APPROVAL: BENJAMIN	6/8/09	
CUSTOMER		
THE USE OF THIS DOCUMENT IS UNLIMITED. DESIGN FEATURES, MATERIALS, DIMENSIONS AND OTHER DATA SHOWN HEREON ARE THE PROPERTY OF AMPHENOL CORP. ALL RIGHTS ARE RESERVED FOR FUTURE INVENTIONS. NO PARTS OR INFORMATION MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PERMISSION FROM AMPHENOL CORPORATION.		
SIZE	FPCB	NO. DOW
B	1K644	
INSTRUCTIONS, ATT-16-00 & 01 CRIMPER, HAND, STAMPED CONTACTS		
A Subsidiary of Amphenol Corporation 44729 Midway Drive Chilton Township, MI 48036		
S2-15223		
S2-15223		
S2-15223		
SHEET 1	OF 1	
A1		

REVISIONS				
REV	ZONE	ECO	DESCRIPTION	DATE
A1	-	-	RELEASE NUMBER 016571	6/12/09
BY	APP			
B.D.B.	M.F.F.			

STAMPED CONTACT PART NUMBER 1000=PIN 1000=SOCKET	SIZE	CRIMP HEIGHT	CRIMP WIDTH	CONDUCTOR PUNCH NUMBER	CONDUCTOR ANVIL NUMBER	CRIMP TENSILE REFERENCE
A160-14-011x A162-14-011x INSULATION RANGE 0.095-0.150(2.41-3.81)	14 AWG	0.055(1.40)	0.094(2.39)			
	2.00mm ²	0.055(1.40)	0.094(2.39)			
	1.50mm ²	0.053(1.35)	0.094(2.39)			
	16 AWG	0.050(1.27)	0.094(2.39)	A117-408-0200	A117-183-0200	25(111)
	1.00mm ²	0.050(1.27)	0.094(2.39)			
A160-16-011x A162-16-011x INSULATION RANGE 0.075-0.140(1.91-3.56)	16 AWG	0.049(1.24)	0.094(2.39)			
	0.75mm ²	0.049(1.24)	0.094(2.39)			
	14 AWG	0.055(1.40)	0.094(2.39)			
	2.00mm ²	0.055(1.40)	0.094(2.39)			
	1.50mm ²	0.053(1.35)	0.094(2.39)			
A160-18-011x A162-18-011x INSULATION RANGE 0.055-0.100(1.40-2.54)	18 AWG	0.048(1.22)	0.079(2.01)			
	0.50mm ²	0.048(1.22)	0.079(2.01)			
	16 AWG	0.050(1.27)	0.079(2.01)			
	1.00mm ²	0.049(1.24)	0.079(2.01)			
	0.75mm ²	0.048(1.22)	0.079(2.01)			

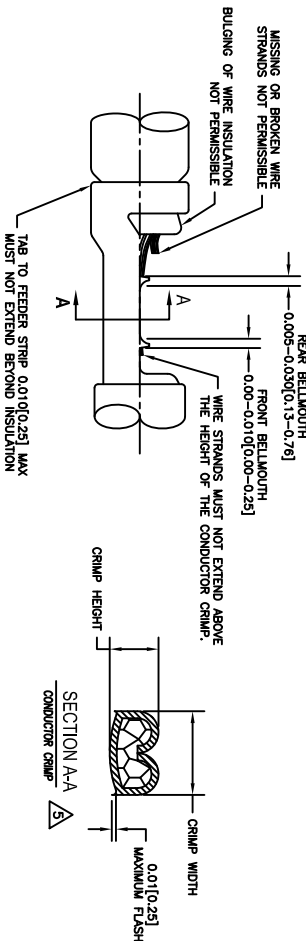
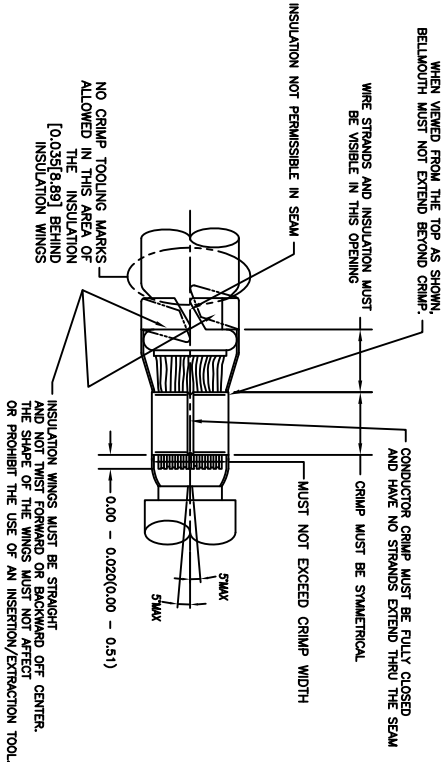
CROSS REFERENCE

INSULATION DIAMETER RANGE	INSULATION PUNCH NUMBER	INSULATION ANVIL NUMBER
0.120-0.150	A117-225-0200	A117-325-0200
0.105-0.125	A117-226-0200	A117-326-0200
0.085-0.111	A117-227-0200	A117-327-0200
0.075-0.105	A117-228-0200	A117-328-0200
0.063-0.094	A117-229-0200	A117-329-0200
0.050-0.075	A117-230-0200	A117-330-0200

SINE PART NUMBER	DEUTSCH PART NUMBER
MFY-3953	DCT1620-02-00
A117-083-0200	1017-083-0200
A117-082-0200	1017-082-0200
A117-183-0200	1017-183-0200
A117-182-0200	1017-182-0200
A117-225-0200	1017-225-0200
A117-226-0200	1017-226-0200
A117-227-0200	1017-227-0200
A117-228-0200	1017-228-0200
A117-229-0200	1017-229-0200
A117-230-0200	1017-230-0200
A117-325-0200	1017-325-0200
A117-326-0200	1017-326-0200
A117-327-0200	1017-327-0200
A117-328-0200	1017-328-0200
A117-329-0200	1017-329-0200
A117-330-0200	1017-330-0200

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS ARE IN INCHES(mm).
2. FORCES ARE IN POUNDS(LBS) AND NEWTONS(N).
3. "X"= PLATING SUFFX. SEE INDIVIDUAL CONTACT DRAWING.
4. WIRE STRIP LENGTH: 0.175±0.029(4.43±0.64). BROKEN OR MISSING CONDUCTOR STRANDS ARE NOT ACCEPTABLE.
5. USE A BLADE MICROMETER (0.100(2.54) MIN SPINDLE AND 0.060(0.010(1.50(0.040) ANVIL) TO MEASURE THE CONDUCTOR CRIMP. SEE SECTION AA.
6. CRIMP TENSILE STRENGTH IS DETERMINED AT A PULL RATE SPEED OF 1.00 INCH(25.4) PER MINUTE. INSULATION WINGS ARE REMOVED FOR TEST. ACTUAL CRIMP TENSILE STRENGTH DEPENDS ON WIRE/CONDUCTOR SIZE. VALUES ON THIS SPECIFICATION ARE FOR REFERENCE ONLY.
7. INSULATION DIAMETER RANGE IS DETERMINED BY CONNECTOR AND ITS WIRE SEAL SIZE. SEE CONNECTOR DRAWING FOR INSULATION RANGE.
8. INSULATION CRIMP DIAMETER SHOULD BE THE EQUAL OR LESS THAN THE DIAMETER OF THE WIRE INSULATION (HARD OR TEFLON INSULATION MAY BE AN EXCEPTION). INSULATION CRIMP SHALL NOT AFFECT REMOVAL TOOL PERFORMANCE AND SHALL NOT DAMAGE CONNECTOR CROMMET SEAL.
9. CONDUCTOR TYPE ARE PER SAEJ1128(AWG) AND ISO 6122(METRIC)
10. FOR CONTACT MATERIAL AND PERFORMANCE DATA, SEE DRAWING S2-15217.
11. REFER TO S2-15223 AND S2-15224 AND CROSS REFERENCE CHARTS FOR CRIMP TOOL DATA.

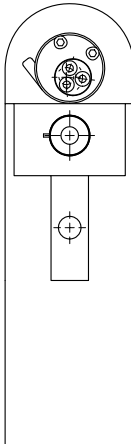


ALL REFERENCES TO DEUTSCH PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO DEUTSCH INDUSTRIAL PRODUCTS.

PART NUMBER		DESCRIPTION		ITEM
MATERIALS LIST				
QUANTITY				
UNLESS OTHERWISE SPECIFIED				
1) All dimensions are in inches.				
2) Pl. DEC 2000 to Provisions 31/4				
3) Pl. DEC 2000 to Provisions 31/4				
4) Pl. DEC 2000 to Provisions 31/4				
5) Reduction Standards Per:				
a) MIL-STD-20020				
b) MIL-STD-20020				
c) MIL-STD-20020				
d) MIL-STD-20020				
e) MIL-STD-20020				
f) MIL-STD-20020				
g) MIL-STD-20020				
h) MIL-STD-20020				
i) MIL-STD-20020				
j) MIL-STD-20020				
k) MIL-STD-20020				
l) MIL-STD-20020				
m) MIL-STD-20020				
n) MIL-STD-20020				
o) MIL-STD-20020				
p) MIL-STD-20020				
q) MIL-STD-20020				
r) MIL-STD-20020				
s) MIL-STD-20020				
t) MIL-STD-20020				
u) MIL-STD-20020				
v) MIL-STD-20020				
w) MIL-STD-20020				
x) MIL-STD-20020				
y) MIL-STD-20020				
z) MIL-STD-20020				
AA) MIL-STD-20020				
AB) MIL-STD-20020				
AC) MIL-STD-20020				
AD) MIL-STD-20020				
AE) MIL-STD-20020				
AF) MIL-STD-20020				
AG) MIL-STD-20020				
AH) MIL-STD-20020				
AI) MIL-STD-20020				
AJ) MIL-STD-20020				
AK) MIL-STD-20020				
AL) MIL-STD-20020				
AM) MIL-STD-20020				
AN) MIL-STD-20020				
AO) MIL-STD-20020				
AP) MIL-STD-20020				
AQ) MIL-STD-20020				
AR) MIL-STD-20020				
AS) MIL-STD-20020				
AT) MIL-STD-20020				
AU) MIL-STD-20020				
AV) MIL-STD-20020				
AW) MIL-STD-20020				
AX) MIL-STD-20020				
AY) MIL-STD-20020				
AZ) MIL-STD-20020				
BA) MIL-STD-20020				
BB) MIL-STD-20020				
BC) MIL-STD-20020				
BD) MIL-STD-20020				
BE) MIL-STD-20020				
BF) MIL-STD-20020				
BG) MIL-STD-20020				
BH) MIL-STD-20020				
BI) MIL-STD-20020				
BJ) MIL-STD-20020				
BK) MIL-STD-20020				
BL) MIL-STD-20020				
BM) MIL-STD-20020				
BN) MIL-STD-20020				
BO) MIL-STD-20020				
BP) MIL-STD-20020				
BQ) MIL-STD-20020				
BR) MIL-STD-20020				
BS) MIL-STD-20020				
BT) MIL-STD-20020				
BU) MIL-STD-20020				
BV) MIL-STD-20020				
BW) MIL-STD-20020				
BX) MIL-STD-20020				
BY) MIL-STD-20020				
BZ) MIL-STD-20020				
CA) MIL-STD-20020				
CB) MIL-STD-20020				
CC) MIL-STD-20020				
CD) MIL-STD-20020				
CE) MIL-STD-20020				
CF) MIL-STD-20020				
CG) MIL-STD-20020				
CH) MIL-STD-20020				
CI) MIL-STD-20020				
CJ) MIL-STD-20020				
CK) MIL-STD-20020				
CL) MIL-STD-20020				
CM) MIL-STD-20020				
CN) MIL-STD-20020				
CO) MIL-STD-20020				
CP) MIL-STD-20020				
CQ) MIL-STD-20020				
CR) MIL-STD-20020				
CS) MIL-STD-20020				
CT) MIL-STD-20020				
CU) MIL-STD-20020				
CV) MIL-STD-20020				
CW) MIL-STD-20020				
CX) MIL-STD-20020				
CY) MIL-STD-20020				
CZ) MIL-STD-20020				
DA) MIL-STD-20020				
DB) MIL-STD-20020				
DC) MIL-STD-20020				
DD) MIL-STD-20020				
DE) MIL-STD-20020				
DF) MIL-STD-20020				
DG) MIL-STD-20020				
DH) MIL-STD-20020				
DI) MIL-STD-20020				
DJ) MIL-STD-20020				
DK) MIL-STD-20020				
DL) MIL-STD-20020				
DM) MIL-STD-20020				
DN) MIL-STD-20020				
DO) MIL-STD-20020				
DP) MIL-STD-20020				
DQ) MIL-STD-20020				
DR) MIL-STD-20020				
DS) MIL-STD-20020				
DT) MIL-STD-20020				
DU) MIL-STD-20020				
DV) MIL-STD-20020				
DW) MIL-STD-20020				
DX) MIL-STD-20020				
DY) MIL-STD-20020				
DZ) MIL-STD-20020				
EA) MIL-STD-20020				
EB) MIL-STD-20020				
EC) MIL-STD-20020				
ED) MIL-STD-20020				
EE) MIL-STD-20020				
EF) MIL-STD-20020				
EG) MIL-STD-20020				
EH) MIL-STD-20020				
EI) MIL-STD-20020				
EJ) MIL-STD-20020				
EK) MIL-STD-20020				
EL) MIL-STD-20020				
EM) MIL-STD-20020				
EN) MIL-STD-20020				
EO) MIL-STD-20020				
EP) MIL-STD-20020				
EQ) MIL-STD-20020				
ER) MIL-STD-20020				
ES) MIL-STD-20020				
ET) MIL-STD-20020				
EU) MIL-STD-20020				
EV) MIL-STD-20020				
EW) MIL-STD-20020				
EX) MIL-STD-20020				
EY) MIL-STD-20020				
EZ) MIL-STD-20020				
FA) MIL-STD-20020				
FB) MIL-STD-20020				
FC) MIL-STD-20020				
FD) MIL-STD-20020				
FE) MIL-STD-20020				
FF) MIL-STD-20020				
FG) MIL-STD-20020				
FH) MIL-STD-20020				
FI) MIL-STD-20020				
FJ) MIL-STD-20020				
FK) MIL-STD-20020				
FL) MIL-STD-20020				
FM) MIL-STD-20020				
FN) MIL-STD-20020				
FO) MIL-STD-20020				
FP) MIL-STD-20020				
FQ) MIL-STD-20020				
FR) MIL-STD-20020				
FS) MIL-STD-20020				
FT) MIL-STD-20020				
FU) MIL-STD-20020				
FV) MIL-STD-20020				
FW) MIL-STD-20020				
FX) MIL-STD-20020				
FY) MIL-STD-20020				
FZ) MIL-STD-20020				
GA) MIL-STD-20020				
GB) MIL-STD-20020				
GC) MIL-STD-20020				
GD) MIL-STD-20020				
GE) MIL-STD-20020				
GF) MIL-STD-20020				
GG) MIL-STD-20020				
GH) MIL-STD-20020				
GI) MIL-STD-20020				
GJ) MIL-STD-20020				
GK) MIL-STD-20020				
GL) MIL-STD-20020				
GM) MIL-STD-20020				
GN) MIL-STD-20020				
GO) MIL-STD-20020				
GP) MIL-STD-20020				
GQ) MIL-STD-20020				
GR) MIL-STD-20020				
GS) MIL-STD-20020				
GT) MIL-STD-20020				
GU) MIL-STD-20020				
GV) MIL-STD-20020				
GW) MIL-STD-20020				
GX) MIL-STD-20020				
GY) MIL-STD-20020				
GZ) MIL-STD-20020				
HA) MIL-STD-20020				
HB) MIL-STD-20020				
HC) MIL-STD-20020				
HD) MIL-STD-20020				
HE) MIL-STD-20020				
HF) MIL-STD-20020				
HG) MIL-STD-20020				
HH) MIL-STD-20020				
HI) MIL-STD-20020				
HJ) MIL-STD-20020				
HK) MIL-STD-20020				
HL) MIL-STD-20020				
HM) MIL-STD-20020				
HN) MIL-STD-20020				
HO) MIL-STD-20020				
HP) MIL-STD-20020				
HQ) MIL-STD-20020				
HR) MIL-STD-20020				
HS) MIL-STD-20020				
HT) MIL-STD-20020				
HU) MIL-STD-20020				
HV) MIL-STD-20020				
HW) MIL-STD-20020				
HX) MIL-STD-20020				
HY) MIL-STD-20020				
HZ) MIL-STD-20020				
IA) MIL-STD-20020				
IB) MIL-STD-20020				
IC) MIL-STD-20020				
ID) MIL-STD-20020				
IE) MIL-STD-20020				
IF) MIL-STD-20020				
IG) MIL-STD-20020				
IH) MIL-STD-20020				
II) MIL-STD-20020				
IJ) MIL-STD-20020				
IK) MIL-STD-20020				
IL) MIL-STD-20020				
IM) MIL-STD-20020				
IN) MIL-STD-20020				
IO) MIL-STD-20020				
IP) MIL-STD-20020				
IQ) MIL-STD-20020				
IR) MIL-STD-20020				
IS) MIL-STD-20020				
IT) MIL-STD-20020				
IU) MIL-STD-20020				
IV) MIL-STD-20020				
IW) MIL-STD-20020				
IX) MIL-STD-20020				
IY) MIL-STD-20020				
IZ) MIL-STD-20020				
JA) MIL-STD-20020				
JB) MIL-STD-20020				
JC) MIL-STD-20020				
JD) MIL-STD-20020				
JE) MIL-STD-20020				
JF) MIL-STD-20020				
JG) MIL-STD-20020				
JH) MIL-STD-20020				
JI) MIL-STD-20020				
JJ) MIL-STD-20020				
JK) MIL-STD-20020				
JL) MIL-STD-20020				
JM) MIL-STD-20020				
JN) MIL-STD-20020				
JO) MIL-STD-20020				
JP) MIL-STD-20020				
JQ) MIL-STD-20020				
JR) MIL-STD-20020				
JS) MIL-STD-20020				
JT) MIL-STD-20020				
JU) MIL-STD-20020				
JV) MIL-STD-20020				
JW) MIL-STD-20020				
JX) MIL-STD-20020				
JY) MIL-STD-20020				
JZ) MIL-STD-20020				
KA) MIL-STD-20020				
KB) MIL-STD-20020				
KC) MIL-STD-20020				
KD) MIL-STD-20020				
KE) MIL-STD-20020				
KF) MIL-STD-20020				
KG) MIL-STD-20020				
KH) MIL-STD-20020				
KI) MIL-STD-20020				
KJ) MIL-STD-20020				
KK) MIL-STD-20020				
KL) MIL-STD-20020				
KM) MIL-STD-20020				
KN) MIL-STD-20020				
KO) MIL-STD-20020				
KP) MIL-STD-20020				
KQ) MIL-STD-20020				
KR) MIL-STD-20020				
KS) MIL-STD-20020				
KT) MIL-STD-20020				
KU) MIL-STD-20020				
KV) MIL-STD-20020				
KW) MIL-STD-20020				
KX) MIL-STD-20020				
KY) MIL-STD-20020				
KZ) MIL-STD-20020				
LA) MIL-STD-20020				
LB) MIL-STD-20020				
LC) MIL-STD-20020				
LD) MIL-STD-20020				
LE) MIL-STD-20020				
LF) MIL-STD-20020				
LG) MIL-STD-20020				
LH) MIL-STD-20020				
LI) MIL-STD-20020				
LJ) MIL-STD-20020				
LK) MIL-STD-20020				
LL) MIL-STD-20020				
LM) MIL-STD-20020				
LN) MIL-STD-20020				
LO) MIL-STD-20020				
LP) MIL-STD-20020				
LQ) MIL-STD-20020				
LR) MIL-STD-20020				
LS) MIL-STD-20020				
LT) MIL-STD-20020				
LU) MIL-STD-20020				
LV) MIL-STD-20020				
LW) MIL-STD-20020				
LX) MIL-STD-20020				
LY) MIL-STD-20020				
LZ) MIL-STD-20020				
MA) MIL-STD-20020				
MB) MIL-STD-20020				
MC) MIL-STD-20020				
MD) MIL-STD-20020				
ME) MIL-STD-20020				
MF) MIL-STD-20020				
MG) MIL-STD-20020				
MH) MIL-STD-20020				
MI) MIL-STD-20020				
MJ) MIL-STD-20020				
MK) MIL-STD-20020				
ML) MIL-STD-20020				
MM) MIL-STD-20020				
MN) MIL-STD-20020				
MO) MIL-STD-20020				
MP) MIL-STD-20020				
MQ) MIL-STD-20020				
MR) MIL-STD-20020				
MS) MIL-STD-20020				
MT) MIL-STD-20020				
MU) MIL-STD-20020				
MV) MIL-STD-20020				
MW) MIL-STD-20020				
MX) MIL-STD-20020				
MY) MIL-STD-20020				
MZ) MIL-STD-20020				
NA) MIL-STD-20020				
NB) MIL-STD-20020				
NC) MIL-STD-20020				
ND) MIL-STD-20020				
NE) MIL-STD-20020				
NF) MIL-STD-20020				
NG) MIL-STD-20020				
NH) MIL-STD-20020				
NI) MIL-STD-20020				
NJ) MIL-STD-20020				
NK) MIL-STD-20020				
NL) MIL-STD-20020				
NM) MIL-STD-20020				
NN) MIL-STD-20020				
NO) MIL-STD-20020				
NP) MIL-STD-20020				
NQ) MIL-STD-20020				
NR) MIL-STD-20020				
NS) MIL-STD-20020				
NT) MIL-STD-20020				
NU) MIL-STD-20020				
NV) MIL-STD-20020				
NW) MIL-STD-20020				
NX) MIL-STD-20020				
NY) MIL-STD-20020				
NZ) MIL-STD-20020				
OA) MIL-STD-20020				
OB) MIL-STD-20020				
OC) MIL-STD-20020				
OD) MIL-STD-20020				
OE) MIL-STD-20020				
OF) MIL-STD-20020				
OG) MIL-STD-20020				
OH) MIL-STD-20020				
OI) MIL-STD-20020				
OJ) MIL-STD-20020				
OK) MIL-STD-20020				
OL) MIL-STD-20020				
OM) MIL-STD-20020				
ON) MIL-STD-20020				
OO) MIL-STD-20020				
OP) MIL-STD-20020				
OQ) MIL-STD-20020				
OR) MIL-STD-20020				
OS) MIL-STD-20020				
OT) MIL-STD-20020				
OU) MIL-STD-20020				
OV) MIL-STD-20020				
OW) MIL-STD-20020				
OX) MIL-STD-20020				
OY) MIL-STD-20020				
OZ) MIL-STD-20020				
PA) MIL-STD-20020				
PB) MIL-STD-20020				
PC) MIL-STD-20020				
PD) MIL-STD-20020				
PE) MIL-STD-20020				
PF) MIL-STD-20020				
PG) MIL-STD-20020				
PH) MIL-STD-20020				
PI) MIL-STD-20020				
PJ) MIL-STD-20020				
PK) MIL-STD-20020				
PL) MIL-STD-20020				
PM) MIL-STD-20020				
PN) MIL-STD-20020				
PO) MIL-STD-20020				
PP) MIL-STD-20020				
PQ) MIL-STD-20020				
PR) MIL-STD-20020				
PS) MIL-STD-20020				
PT) MIL-STD-20020				
PU) MIL-STD-20020				
PV) MIL-STD-20020				
PW) MIL-STD-20020				
PX) MIL-STD-20020				
PY) MIL-STD-20020				
PZ) MIL-STD-20020				
QA) MIL-STD-20020				
QB) MIL-STD-20020				
QC) MIL-STD-20020				
QD) MIL-STD-20020				
QE) MIL-STD-20020				
QF) MIL-STD-20020				
QG) MIL-STD-20020				
QH) MIL-STD-20020				
QI) MIL-STD-20020				
QJ) MIL-STD-20020				
QK) MIL-STD-20020				
QL) MIL-STD-20020				
QM) MIL-STD-20020				
QN) MIL-STD-20020				
QO) MIL-STD-20020				
QP) MIL-STD-20020				
QQ) MIL-STD-20020				
QR) MIL-STD-20020				
QS) MIL-STD-20020				
QT) MIL-STD-20020				
QU) MIL-STD-20020				
QV) MIL-STD-20020				
QW) MIL-STD-20020				
QX) MIL-STD-20020				
QY) MIL-STD-20020				
QZ) MIL-STD-20020				
RA) MIL-STD-20020				
RB) MIL-STD-20020				
RC) MIL-STD-20020				
RD) MIL-STD-20020				
RE) MIL-STD-20020				
RF) MIL-STD-20020				
RG) MIL-STD-20020				
RH) MIL-STD-20020				
RI) MIL-STD-20020				
RJ) MIL-STD-20020				
RK) MIL-STD-20020				
RL) MIL-STD-20020				
RM) MIL-STD-20020				
RN) MIL-STD-20020				
RO) MIL-STD-20020				
RP) MIL-STD-20020				
RQ) MIL-STD-20020				
RR) MIL-STD-20020				
RS) MIL-STD-20020				
RT) MIL-STD-20020				
RU) MIL-STD-20020				
RV) MIL-STD-20020				
RW) MIL-STD-20020				
RX) MIL-STD-20020				
RY) MIL-STD-20020				
RZ) MIL-STD-20020				
SA) MIL-STD-20020				
SB) MIL-STD-20020				
SC) MIL-STD-20020				
SD) MIL-STD-20020				
SE) MIL-STD-20020				
SF) MIL-STD-20020				
SG) MIL-STD-20020				
SH) MIL-STD-20020				
SI) MIL-STD-20020				
SJ) MIL-STD-20020				
SK) MIL-STD-20020				
SL) MIL-STD-20020				
SM) MIL-STD-20020				
SN) MIL-STD-20020				
SO) MIL-STD-20020				
SP) MIL-STD-20020				
SQ) MIL-STD-20020				
SR) MIL-STD-20020				
SS) MIL-STD-20020				
ST) MIL-STD-20020				
SU) MIL-STD-20020				
SV) MIL-STD-20020				
SW) MIL-STD-20020				
SX) MIL-STD-20020				
SY) MIL-STD-20020				
SZ) MIL-STD-20020				
TA) MIL-STD-20020				
TB) MIL-STD-20020				
TC) MIL-STD-20020				
TD) MIL-STD-20020				
TE) MIL-STD-20020				
TF) MIL-STD-20020				
TG) MIL-STD-20020				

REVISIONS				DATE	BY	APP
REV	ZONE	ECO	DESCRIPTION	6/12/09	B.D.B.	M.F.F.
A1	-	-	RELEASE NUMBER 016571			

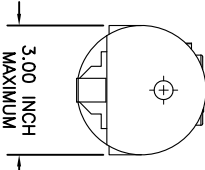
CONTACT LOCATOR "TURRET"
THREE POSITION FOR SIZE
12, 16 & 20 MALE AND
FEMALE CONTACTS



"TURRET"
RELEASE LATCH

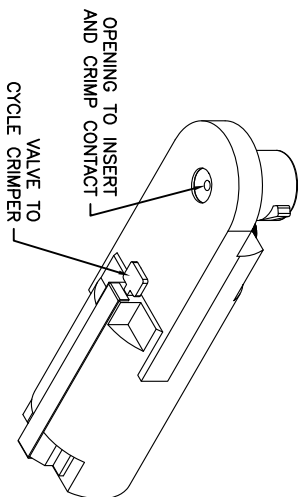
SELECTOR FOR
CRIMP SETTING

THREADED HOLE FOR
ATTACHMENT OF
BENCH MOUNT FIXTURE



THREADED OPENING
FOR COMPRESSED
AIR FITTING

- NOTES:
1. THE CA-5E12 IS A COMPRESSED AIR OPERATED HAND CRIMPER FOR ELECTRICAL CONTACTS. IT IS ADJUSTABLE TO 3 CONTACT SIZES (12, 16 & 20) AND 8 INDENTER CRIMP POSITIONS FOR DIFFERENT WIRE SIZES (12AWG THRU 26 AWG).
 2. 80-120 PSI COMPRESSED AIR.
 3. WEIGHT: 3.1 LBS
 4. SELECTING CONTACT SIZE: PRESS THE RELEASE LATCH ON SIDE OF THE CONTACT LOCATOR "TURRET". ROTATE TO THE DESIRED CONTACT SIZE. THE TOP OF THE "TURRET" IS EMBOSSED WITH THE CONTACT SIZES.
 5. SELECTING WIRE SIZE: GRASP THE SELECTOR AND ROTATE TO THE DESIRED NUMBER.



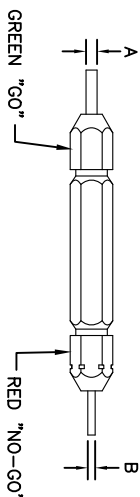
OPENING TO INSERT
AND CRIMP CONTACT

VALVE TO
CYCLE CRIMPER

GAGE PART NO.	A GO DIA.	B NO-GO DIA.	SELECTOR NUMBER
G125	.0390	.0440	4

GAGING INSTRUCTIONS

CAUTION!
DO NOT CRIMP GAGE!

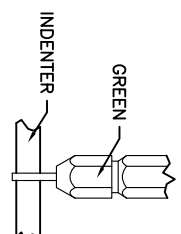


GREEN "GO"

RED "NO-GO"

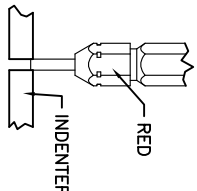
"GO" GAGING: OPERATE TOOL TO FULLY CLOSED POSITION. INSERT "GO" GAGE END AS SHOWN. GAGE MUST PASS FREELY BETWEEN INDENTER TIPS.

"NO-GO" GAGING: OPERATE TOOL TO FULLY CLOSED POSITION. INSERT "NO-GO" GAGE END AS SHOWN. THE "NO-GO" MAY PARTIALLY ENTER THE INDENTER OPENING, BUT MUST NOT PASS COMPLETELY THROUGH THE OPENING.



GREEN

SELECTOR NUMBER	A GO DIA.	B NO-GO DIA.
1	.0280	.0330
2	.0320	.0370
3	.0360	.0410
4	.0390	.0440
5	.0450	.0500
6	.0520	.0570
7	.0590	.0640
8	.0680	.0730



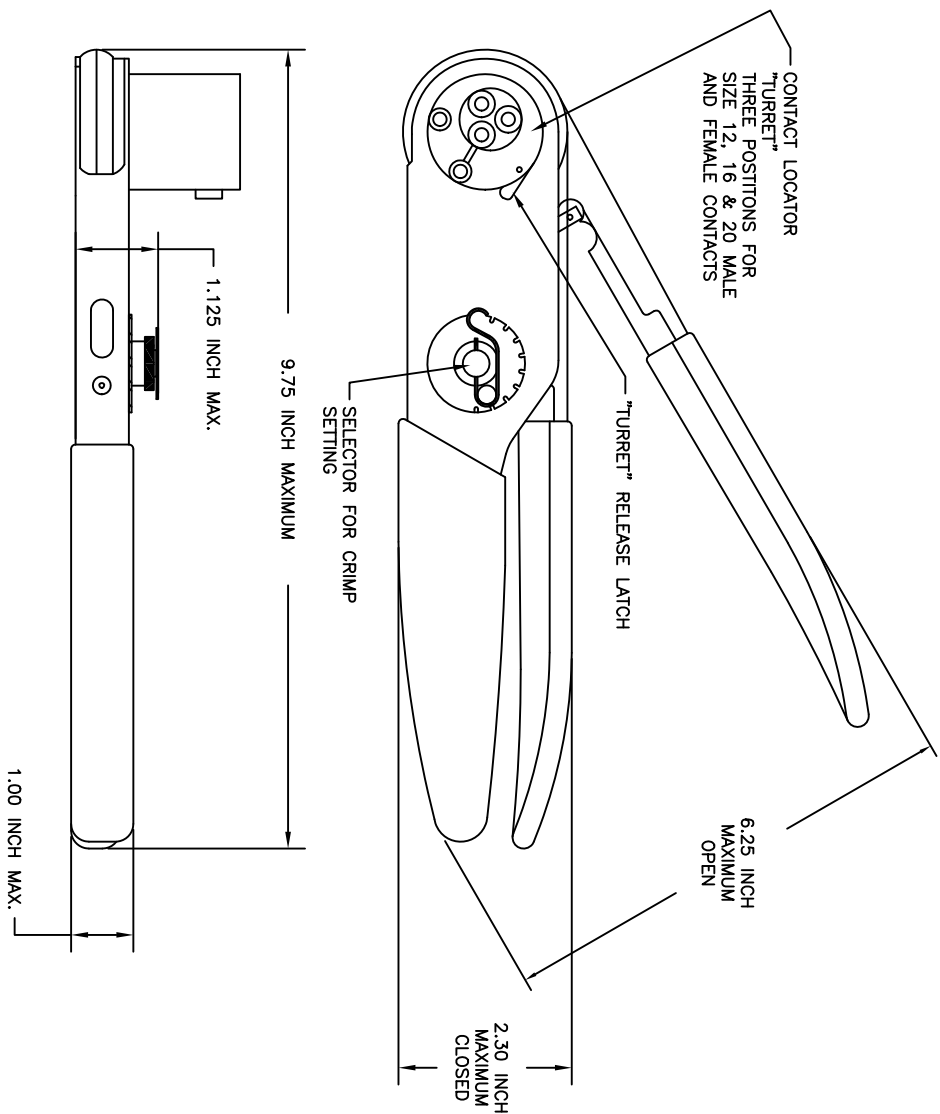
RED

INDENTER

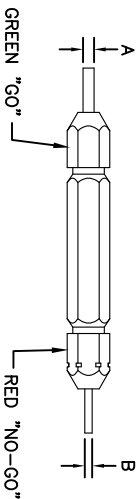
CONTACT SIZE		SELECTOR NUMBER							
CONTACT SIZE	LOCATOR "TURRET" POSITION	26	24	22	20	18	16	14	12
20-20	RED	1	2	3	4				
16-22	BLUE	4	5	6					
16-20	BLUE	1	2	3	4				
16-16	BLUE				4	5	6		
12-16	YELLOW				4	5	6		
12-12	YELLOW							7	8

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in inches.			
2) Tolerances are as follows:			
3) Holes: .0005 to .0010			
4) Fits: .0005 to .0010			
5) Radii: .0005 to .0010			
6) Threads: Standard Per: ASME B1.1			
7) Surface Finish: Per: ASME A15.1			
8) Material: Per: ASME A15.1			
9) Heat Treatment: Per: ASME A15.1			
10) Coatings: Per: ASME A15.1			
11) Plating: Per: ASME A15.1			
12) Painting: Per: ASME A15.1			
13) Welding: Per: ASME A15.1			
14) Machining: Per: ASME A15.1			
15) Assembly: Per: ASME A15.1			
16) Disassembly: Per: ASME A15.1			
17) Inspection: Per: ASME A15.1			
18) Shipping: Per: ASME A15.1			
19) Storage: Per: ASME A15.1			
20) Handling: Per: ASME A15.1			
21) Maintenance: Per: ASME A15.1			
22) Repair: Per: ASME A15.1			
23) Replacement: Per: ASME A15.1			
24) Recycling: Per: ASME A15.1			
25) Disposal: Per: ASME A15.1			
26) Safety: Per: ASME A15.1			
27) Environmental: Per: ASME A15.1			
28) Health: Per: ASME A15.1			
29) Fire: Per: ASME A15.1			
30) Explosion: Per: ASME A15.1			
31) Corrosion: Per: ASME A15.1			
32) Vibration: Per: ASME A15.1			
33) Shock: Per: ASME A15.1			
34) Noise: Per: ASME A15.1			
35) Electromagnetic Interference: Per: ASME A15.1			
36) Radio Frequency Interference: Per: ASME A15.1			
37) Infrared Radiation: Per: ASME A15.1			
38) Ultraviolet Radiation: Per: ASME A15.1			
39) Ionizing Radiation: Per: ASME A15.1			
40) Non-ionizing Radiation: Per: ASME A15.1			
41) Acoustic Radiation: Per: ASME A15.1			
42) Mechanical Vibration: Per: ASME A15.1			
43) Mechanical Shock: Per: ASME A15.1			
44) Thermal Shock: Per: ASME A15.1			
45) Chemical Shock: Per: ASME A15.1			
46) Biological Shock: Per: ASME A15.1			
47) Psychological Shock: Per: ASME A15.1			
48) Social Shock: Per: ASME A15.1			
49) Cultural Shock: Per: ASME A15.1			
50) Environmental Shock: Per: ASME A15.1			
51) Health Shock: Per: ASME A15.1			
52) Fire Shock: Per: ASME A15.1			
53) Explosion Shock: Per: ASME A15.1			
54) Corrosion Shock: Per: ASME A15.1			
55) Vibration Shock: Per: ASME A15.1			
56) Shock Shock: Per: ASME A15.1			
57) Noise Shock: Per: ASME A15.1			
58) Electromagnetic Interference Shock: Per: ASME A15.1			
59) Radio Frequency Interference Shock: Per: ASME A15.1			
60) Infrared Radiation Shock: Per: ASME A15.1			
61) Ultraviolet Radiation Shock: Per: ASME A15.1			
62) Ionizing Radiation Shock: Per: ASME A15.1			
63) Non-ionizing Radiation Shock: Per: ASME A15.1			
64) Acoustic Radiation Shock: Per: ASME A15.1			
65) Mechanical Vibration Shock: Per: ASME A15.1			
66) Mechanical Shock Shock: Per: ASME A15.1			
67) Thermal Shock Shock: Per: ASME A15.1			
68) Chemical Shock Shock: Per: ASME A15.1			
69) Biological Shock Shock: Per: ASME A15.1			
70) Psychological Shock Shock: Per: ASME A15.1			
71) Social Shock Shock: Per: ASME A15.1			
72) Cultural Shock Shock: Per: ASME A15.1			
73) Environmental Shock Shock: Per: ASME A15.1			
74) Health Shock Shock: Per: ASME A15.1			
75) Fire Shock Shock: Per: ASME A15.1			
76) Explosion Shock Shock: Per: ASME A15.1			
77) Corrosion Shock Shock: Per: ASME A15.1			
78) Vibration Shock Shock: Per: ASME A15.1			
79) Shock Shock Shock: Per: ASME A15.1			
80) Noise Shock Shock: Per: ASME A15.1			
81) Electromagnetic Interference Shock Shock: Per: ASME A15.1			
82) Radio Frequency Interference Shock Shock: Per: ASME A15.1			
83) Infrared Radiation Shock Shock: Per: ASME A15.1			
84) Ultraviolet Radiation Shock Shock: Per: ASME A15.1			
85) Ionizing Radiation Shock Shock: Per: ASME A15.1			
86) Non-ionizing Radiation Shock Shock: Per: ASME A15.1			
87) Acoustic Radiation Shock Shock: Per: ASME A15.1			
88) Mechanical Vibration Shock Shock: Per: ASME A15.1			
89) Mechanical Shock Shock Shock: Per: ASME A15.1			
90) Thermal Shock Shock Shock: Per: ASME A15.1			
91) Chemical Shock Shock Shock: Per: ASME A15.1			
92) Biological Shock Shock Shock: Per: ASME A15.1			
93) Psychological Shock Shock Shock: Per: ASME A15.1			
94) Social Shock Shock Shock: Per: ASME A15.1			
95) Cultural Shock Shock Shock: Per: ASME A15.1			
96) Environmental Shock Shock Shock: Per: ASME A15.1			
97) Health Shock Shock Shock: Per: ASME A15.1			
98) Fire Shock Shock Shock: Per: ASME A15.1			
99) Explosion Shock Shock Shock: Per: ASME A15.1			
100) Corrosion Shock Shock Shock: Per: ASME A15.1			
101) Vibration Shock Shock Shock: Per: ASME A15.1			
102) Shock Shock Shock Shock: Per: ASME A15.1			
103) Noise Shock Shock Shock: Per: ASME A15.1			
104) Electromagnetic Interference Shock Shock Shock: Per: ASME A15.1			
105) Radio Frequency Interference Shock Shock Shock: Per: ASME A15.1			
106) Infrared Radiation Shock Shock Shock: Per: ASME A15.1			
107) Ultraviolet Radiation Shock Shock Shock: Per: ASME A15.1			
108) Ionizing Radiation Shock Shock Shock: Per: ASME A15.1			
109) Non-ionizing Radiation Shock Shock Shock: Per: ASME A15.1			
110) Acoustic Radiation Shock Shock Shock: Per: ASME A15.1			
111) Mechanical Vibration Shock Shock Shock: Per: ASME A15.1			
112) Mechanical Shock Shock Shock Shock: Per: ASME A15.1			
113) Thermal Shock Shock Shock Shock: Per: ASME A15.1			
114) Chemical Shock Shock Shock Shock: Per: ASME A15.1			
115) Biological Shock Shock Shock Shock: Per: ASME A15.1			
116) Psychological Shock Shock Shock Shock: Per: ASME A15.1			
117) Social Shock Shock Shock Shock: Per: ASME A15.1			
118) Cultural Shock Shock Shock Shock: Per: ASME A15.1			
119) Environmental Shock Shock Shock Shock: Per: ASME A15.1			
120) Health Shock Shock Shock Shock: Per: ASME A15.1			
121) Fire Shock Shock Shock Shock: Per: ASME A15.1			
122) Explosion Shock Shock Shock Shock: Per: ASME A15.1			
123) Corrosion Shock Shock Shock Shock: Per: ASME A15.1			
124) Vibration Shock Shock Shock Shock: Per: ASME A15.1			
125) Shock Shock Shock Shock Shock: Per: ASME A15.1			
126) Noise Shock Shock Shock Shock: Per: ASME A15.1			
127) Electromagnetic Interference Shock Shock Shock Shock: Per: ASME A15.1			
128) Radio Frequency Interference Shock Shock Shock Shock: Per: ASME A15.1			
129) Infrared Radiation Shock Shock Shock Shock: Per: ASME A15.1			
130) Ultraviolet Radiation Shock Shock Shock Shock: Per: ASME A15.1			
131) Ionizing Radiation Shock Shock Shock Shock: Per: ASME A15.1			
132) Non-ionizing Radiation Shock Shock Shock Shock: Per: ASME A15.1			
133) Acoustic Radiation Shock Shock Shock Shock: Per: ASME A15.1			
134) Mechanical Vibration Shock Shock Shock Shock: Per: ASME A15.1			
135) Mechanical Shock Shock Shock Shock Shock: Per: ASME A15.1			
136) Thermal Shock Shock Shock Shock Shock: Per: ASME A15.1			
137) Chemical Shock Shock Shock Shock Shock: Per: ASME A15.1			
138) Biological Shock Shock Shock Shock Shock: Per: ASME A15.1			
139) Psychological Shock Shock Shock Shock Shock: Per: ASME A15.1			
140) Social Shock Shock Shock Shock Shock: Per: ASME A15.1			
141) Cultural Shock Shock Shock Shock Shock: Per: ASME A15.1			
142) Environmental Shock Shock Shock Shock Shock: Per: ASME A15.1			
143) Health Shock Shock Shock Shock Shock: Per: ASME A15.1			
144) Fire Shock Shock Shock Shock Shock: Per: ASME A15.1			
145) Explosion Shock Shock Shock Shock Shock: Per: ASME A15.1			
146) Corrosion Shock Shock Shock Shock Shock: Per: ASME A15.1			
147) Vibration Shock Shock Shock Shock Shock: Per: ASME A15.1			
148) Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
149) Noise Shock Shock Shock Shock Shock: Per: ASME A15.1			
150) Electromagnetic Interference Shock Shock Shock Shock Shock: Per: ASME A15.1			
151) Radio Frequency Interference Shock Shock Shock Shock Shock: Per: ASME A15.1			
152) Infrared Radiation Shock Shock Shock Shock Shock: Per: ASME A15.1			
153) Ultraviolet Radiation Shock Shock Shock Shock Shock: Per: ASME A15.1			
154) Ionizing Radiation Shock Shock Shock Shock Shock: Per: ASME A15.1			
155) Non-ionizing Radiation Shock Shock Shock Shock Shock: Per: ASME A15.1			
156) Acoustic Radiation Shock Shock Shock Shock Shock: Per: ASME A15.1			
157) Mechanical Vibration Shock Shock Shock Shock Shock: Per: ASME A15.1			
158) Mechanical Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
159) Thermal Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
160) Chemical Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
161) Biological Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
162) Psychological Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
163) Social Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
164) Cultural Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
165) Environmental Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
166) Health Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
167) Fire Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
168) Explosion Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
169) Corrosion Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
170) Vibration Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
171) Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
172) Noise Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
173) Electromagnetic Interference Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
174) Radio Frequency Interference Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
175) Infrared Radiation Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
176) Ultraviolet Radiation Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
177) Ionizing Radiation Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
178) Non-ionizing Radiation Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
179) Acoustic Radiation Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
180) Mechanical Vibration Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
181) Mechanical Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
182) Thermal Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
183) Chemical Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
184) Biological Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
185) Psychological Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
186) Social Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
187) Cultural Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
188) Environmental Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
189) Health Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
190) Fire Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
191) Explosion Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
192) Corrosion Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
193) Vibration Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
194) Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
195) Noise Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
196) Electromagnetic Interference Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
197) Radio Frequency Interference Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
198) Infrared Radiation Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
199) Ultraviolet Radiation Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
200) Ionizing Radiation Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
201) Non-ionizing Radiation Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
202) Acoustic Radiation Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
203) Mechanical Vibration Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
204) Mechanical Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
205) Thermal Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
206) Chemical Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
207) Biological Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
208) Psychological Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
209) Social Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
210) Cultural Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
211) Environmental Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
212) Health Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
213) Fire Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
214) Explosion Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
215) Corrosion Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
216) Vibration Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
217) Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
218) Noise Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
219) Electromagnetic Interference Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
220) Radio Frequency Interference Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
221) Infrared Radiation Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
222) Ultraviolet Radiation Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
223) Ionizing Radiation Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
224) Non-ionizing Radiation Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
225) Acoustic Radiation Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
226) Mechanical Vibration Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
227) Mechanical Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
228) Thermal Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
229) Chemical Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
230) Biological Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
231) Psychological Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
232) Social Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
233) Cultural Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
234) Environmental Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
235) Health Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
236) Fire Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
237) Explosion Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
238) Corrosion Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
239) Vibration Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
240) Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
241) Noise Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
242) Electromagnetic Interference Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
243) Radio Frequency Interference Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
244) Infrared Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
245) Ultraviolet Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
246) Ionizing Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
247) Non-ionizing Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
248) Acoustic Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
249) Mechanical Vibration Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
250) Mechanical Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
251) Thermal Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
252) Chemical Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
253) Biological Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
254) Psychological Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
255) Social Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
256) Cultural Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
257) Environmental Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
258) Health Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
259) Fire Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
260) Explosion Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
261) Corrosion Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
262) Vibration Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
263) Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
264) Noise Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
265) Electromagnetic Interference Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
266) Radio Frequency Interference Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
267) Infrared Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
268) Ultraviolet Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
269) Ionizing Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
270) Non-ionizing Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
271) Acoustic Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
272) Mechanical Vibration Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
273) Mechanical Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
274) Thermal Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
275) Chemical Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
276) Biological Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
277) Psychological Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
278) Social Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
279) Cultural Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
280) Environmental Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
281) Health Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
282) Fire Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
283) Explosion Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
284) Corrosion Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
285) Vibration Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
286) Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
287) Noise Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
288) Electromagnetic Interference Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
289) Radio Frequency Interference Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
290) Infrared Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
291) Ultraviolet Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
292) Ionizing Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
293) Non-ionizing Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
294) Acoustic Radiation Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
295) Mechanical Vibration Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
296) Mechanical Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock Shock: Per: ASME A15.1			
297)			

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	RELEASE NUMBER 016571	6/12/09	B.D.B.	M.R.F.



GAGE PART NO.	GO DIA.	NO-GO DIA.	SELECTOR NUMBER
G125	.0390	.0440	4



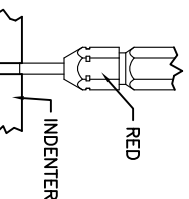
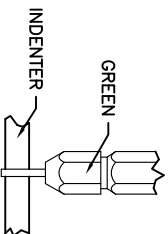
70° GAGING: OPERATE TOOL TO FULLY CLOSED POSITION, INSERT 70° GAGE END AS SHOWN, GAGE MUST PASS FREELY BETWEEN INDENTER TIPS.

NO-60° GAGING: OPERATE TOOL TO FULLY CLOSED POSITION, INSERT NO-60° GAGE END AS SHOWN, THE NO-60° MAY PARTIALLY ENTER THE INDENTER OPENING, BUT MUST NOT PASS COMPLETELY THROUGH THE OPENING.

GAGING INSTRUCTIONS

CAUTION!
DO NOT CRIMP GAGE!

SELECTOR NUMBER	A ±.0001 GO DIA.	B ±.0001 NO-GO DIA.
1	.0280	.0330
2	.0320	.0370
3	.0360	.0410
4	.0390	.0440
5	.0450	.0500
6	.0520	.0570
7	.0590	.0640
8	.0680	.0730



		SELECTOR NUMBER							
CONTACT SIZE	LOCATOR "NURFCT" POSITION COLOR	26 AWG WIRE	24 AWG WIRE	22 AWG WIRE	20 AWG WIRE	18 AWG WIRE	16 AWG WIRE	14 AWG WIRE	12 AWG WIRE
20-20	RED	1	2	3	4				
16-22	BLUE	4	5	6					
16-20	BLUE	1	2	3	4				
16-16	BLUE				4	5	6		
12-16	YELLOW				4	5	6		
12-12	YELLOW							7	8

1. THE CA-5D12 IS A HAND OPERATED CRIMPER FOR ELECTRICAL CONTACTS. IT IS ADJUSTABLE TO 3 CONTACT SIZES (12, 16 & 20) AND 8 INDENTER CRIMP POSITIONS FOR DIFFERENT WIRE SIZES (12AWG THRU 26 AWG).
2. WEIGHT: 1.64 LBS
3. SELECTING CONTACT SIZE: PRESS THE RELEASE LATCH ON SIDE OF THE CONTACT LOCATOR "TURRET". ROTATE TO THE DESIRED CONTACT SIZE. THE TOP OF THE "TURRET" IS EMBOSSED WITH THE CONTACT SIZES.
4. SELECTING WIRE SIZE: REMOVE THE LOCKING CLIP. GRASP THE SELECTOR AND ROTATE TO THE DESIRED NUMBER.

PART NUMBER		DESCRIPTION		ITEM
MATERIALS LIST				
QUANTITY	UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in inches.	SIGNATURES		DATE	
2) Tolerances are as follows:	DRAWING		6/3/09	
3.16, .005, .010, .015, .031, .063	CHECKED		6/3/09	
3.16, .005, .010, .015, .031, .063	DRAWING		6/3/09	
3) Tolerances are as follows:	APPROVAL		6/3/09	
4) Not To Scale	CUSTOMER			
5) See Reference				
MATERIAL SPECIFICATIONS: W/A				
PROCESS SPECIFICATIONS: THE USE OF THIS DOCUMENT IS UNLIMITED. DESIGN FEATURES, SPECIFICATIONS, DIMENSIONS, AND MATERIALS ARE THE PROPERTY OF SINE SYSTEMS CORPORATION. NO PARTS OR MATERIALS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM SINE SYSTEMS CORPORATION. LIMITED RIGHTS DATA.				
INSTRUCTIONS FOR CA-5D12 CRIMPER, HAND, MACHINED CONTACTS				
SINE Systems Corporation A Subsidiary of Amphenol Corporation 44724 Morley Drive Citron Township, MI 48036				
SIZE FROM NO. TWO NO. ONE C 10K44 S2-15219 S2-15219 SHEET 1 OF 1 REVISIONS A1				

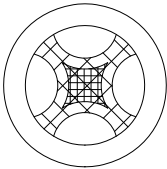
REVISIONS				
REV	ZONE	ECO	DESCRIPTION	
1			RELEASE NUMBER 016571	
DATE	BY	APPR		
6/12/09	B.D.B.	M.R.F.		

CONTACT P/N	SIZE TYPE	WIRE SIZE	REF. ONLY TENSILE LBS[N]
AT60-202-16XX	16PIN	1.5mm ² 16AWG	35[156]
AT62-201-16XX	16SOC	1.0mm ² 18AWG	25[111]
A		0.75mm ² 20AWG	20[89]
		0.50mm ²	

RECOMMENDED STRIP LENGTH	
CONTACT SIZE	STRIP LENGTH INCH[MM]
16	0.250-0.312[6.35-7.92]

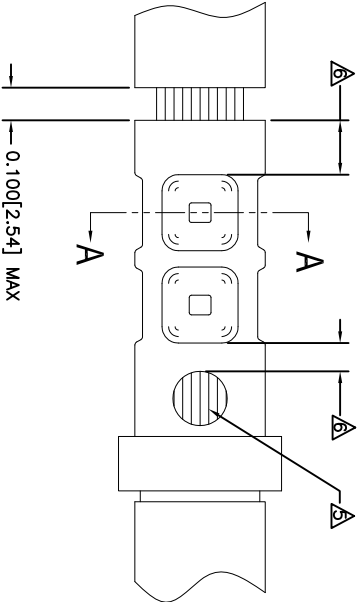
CRIMP TOOLING					
CONTACT SIZE	CRIMP TOOL PART NUMBER	CONTACT LOCATOR "TURRET" POSITION	WIRE SELECTOR NUMBER	GO GAGE INCH[MM]	"NOGO" GAGE INCH[MM]
16	CA-5D12 CA-5E12	BLUE	6	0.052[1.32]	0.057[1.45]
16	CA-5D12 CA-5E12	BLUE	4	0.039[.991]	0.044[1.12]

- NOTES: UNLESS OTHERWISE SPECIFIED
- MINIMUM +/-0.0005 [0.013] TOLERANCE STEEL GAGE PINS. DO NOT CRIMP GAGE PINS. CLOSE DIE, THEN USE GAGE PINS.
 - WHEN XX=31, CONTACT PLATING IS GOLD WHEN XX=141, CONTACT PLATING IS NICKEL
 - PULL RATE OF 1.0 IN [25.4] PER MINUTE. ACTUAL STRENGTH DEPENDS ON WIRE SIZE.
 - FOR CONTACT PERFORMANCE, MATERIAL SPECIFICATIONS AND APPLICATION DETAILS, SEE DRAWING S2-15217.
 - CONDUCTOR STRANDS MUST BE VISIBLE THRU THE INSPECTION HOLE PRIOR TO CRIMP.
 - PROPER CRIMP TOOLING WILL PRODUCE A CRIMP CENTERED BETWEEN THE INSPECTION HOLE AND CRIMP BARREL END.
 - WIRE SIZES PER SAE J1128 AND J1560 [DIN 72551-6] REFERENCE INSTRUCTION MANUALS S2-15219 AND S2-15220 FOR CA-5D12 AND CA-5E12 HAND AND PNEUMATIC CRIMPER.
 - THE CRIMP HEIGHT DIMENSION AFTER CRIMPING MAY VARY FROM THE VALUES LISTED FOR THE "GO-NOGO" PINS.



SECTION A-A

CRIMP CROSS-SECTION



QUANTITY		PART NUMBER		DESCRIPTION		ITEM
		MATERIALS LIST		SINE Systems Corporation		
		SIGNATURES		DATE		
		DRAWN: BERNIM		6/3/09		
		CHECKED: TROCE		6/3/09		
		ENGINEER: BERNIM		APPROVAL: BERNIM		
		CUSTOMER: BERNIM		6/3/09		
		THE USE OF THIS DRAWING IS LIMITED TO THE SPECIFICATIONS AND PERFORMANCE OF THE PARTS AND MATERIALS SHOWN. NO OTHER USES ARE PERMITTED WITHOUT THE WRITTEN PERMISSION OF SINE SYSTEMS CORPORATION.		SOLID MACHINED CONTACTS		
		SIZE FROM DRAWING NO. S2-15218		SCALE: NONE		
		SHEET 1 OF 1				

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com