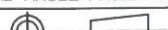


HIGH DENSITY YHLZ TERMINAL BLOCK MODULES

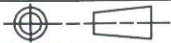
9	ON SH 2. CORRECTED MATL CALLOUT. WAS ZYTEL 151.	TJ	FDH	09-27-96
8	REVISED AND REDRAWN ON CAD. DWG WAS SD84122. SEE REV. REF. PRINT. (ECN3556)	FDH	JK	06-10-96
REV	REVISION DESCRIPTION	BY	CHKD	DATE

SUPERSEDES: SD84122-7

SUPERSEDES: SD84122-7		HIGH DENSITY YHLZ TERMINAL BLOCK MODULES						
CAT NO.		YHLZ16- (SEE TABLE)						
LINEAR MEASURE: INCH mm INCH [mm]		DWG RELEASED TO CENTRAL FILE 06-10-96			APPROVAL	DRWN DWJ 05-31-80		
THIRD ANGLE PROJECTION		CAGE NO. 09922		ECN 3556		PC 862	CHKD SFP 10-16-80	
		© FRAMATOME CONNECTORS USA INC. 1996				DSGN LAS 10-24-80		
- TOLERANCES -						MKT FG 05-31-96		
UNLESS OTHERWISE SPECIFIED						QC ZR 06-05-96		
NO OF DECIMAL PLACES IN INCHES		INCH [mm]		 SOURIAU Connector Technology		DRAWING SCALE NONE		
ONE PLACE		±.1 [±3]				DRAWING NO		REV
TWO PLACES		±.02 [±0.5]				SA84122		9
THREE PLACES		±.005 [±0.13]				SHEET 1 OF 5		
ANGLES ±1°								

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION



- TOLERANCES -

UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES	INCH [mm]
ONE PLACE	±.1 [±3]
TWO PLACES	±.02 [±0.5]
THREE PLACES	±.005 [±0.13]

ANGLES ±1°

NOTES: UNLESS OTHERWISE SPECIFIED.

1. INTERPRET THIS DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982.
2. TERMINAL BLOCKS ACCOMODATES FCI 'ARM20W-1D__' PIN CONTACTS.
(REF: MIL-C-39029/11-145) SEE DRAWING SD84121. PIN CONTACTS
ACCOMODATE WIRE RANGE #24-22-20 AWG. USE INSERTION/REMOVAL
TOOL PER MIL-I-81989/1-02.
3. TERMINAL BLOCK CAN BE INSTALLED IN ANY POSITION OF AMM____T____AND
AMY____T____ TRACK BY ROTATING CLOCKWISE. SEE DRAWINGS SE66784, BRSE66604,
SD83863, AND SD83864.
4. MODULES ARE INTERCHANGEABLE WITH THE YHLZ8 (BACM15C2A) TERMINAL BLOCK
MODULE (SEE DWG SA60450) AND ARE USED IN THE SAME TRACK.
5. > UPPER AND LOWER BODIES SEALED AROUND PERIPHERY OF ALL UNBUSSED CAVITIES.
6. > BARRIER IDENTIFICATION MARKING. (NON CONDUCTIVE BLACK INK)

MATERIAL:

BODY - NYLON 612 PER MIL-M-20693, TYPE III, COLOR - WHITE.

CONTACT SPRING & RETENTION SPRING - BERYLLIUM COPPER ALLOY

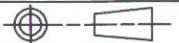
FINISH:

CONTACT SPRING - .000030 [0,00076] MIN. GOLD OVER .000100 [0,00254] MIN.
COPPER

WEIGHT: .46 OZ. [13 GRAMS] MAX.

CATALOG NO. TABLE		
FCI CAT. NO.	BUSSING ARRANGEMENT	CUST. PART NO.
YHLZ16-2	8 UNITS X 2 BUSSED	BACM15C3A
YHLZ16-4	4 UNITS X 4 BUSSED	BACM15C3B
YHLZ16-8	2 UNITS X 8 BUSSED	BACM15C3C

---	ALL REV. RECORDED ON SHT 1	---	---	---
REV	REVISION DESCRIPTION	BY	CHKD	DATE

LINEAR MEASURE: INCH mm INCH [mm]		HIGH DENSITY YHLZ TERMINAL BLOCK MODULES					
THIRD ANGLE PROJECTION		CAT NO. YHLZ16- (SEE TABLE)					
		DWG RELEASED TO CENTRAL FILE 06-10-96					
- TOLERANCES - UNLESS OTHERWISE SPECIFIED		CAGE NO. 09922 ECN XXX PC 862					
NO OF DECIMAL PLACES IN INCHES		© FRAMATOME CONNECTORS USA INC. 1996					
ONE PLACE							
TWO PLACES							
THREE PLACES							
ANGLES ±1°		DRAWING SCALE: NONE					
		DRAWING NO. REV					
		SA84122 9					
		SHEET 2 OF 5					

APP PRO VAL	DRWN DWJ 05-31-80
	CHKD SFP 10-16-80
	DSGN LAS 10-24-80
	MKT FG 05-31-96
	QC ZR 06-05-96

PERFORMANCE CHARACTERISTICS

MECHANICAL:

CONTACT INSERTION FORCES: 2 LBS [8,90N] MAX.
CONTACT SEPARATION FORCES: .125 LB [0,56N] MIN.
CONTACT RETENTION: 20 LBS [88,96N] MIN.
BUS RETENTION: 25 LBS [111,20N] MIN.

ELECTRICAL:

CONTACT RESISTANCE: SIZE 20-20: 30 MILLIVOLTS MAX AT 7.5 AMPS WITH
20 AWG SILVER PLATED WIRE.
LOW LEVEL CONTACT RESISTANCE: SIZE 20-20: .006 OHMS MAX WITH 20 AWG SILVER PLATED WIRE.
DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS
(SEA LEVEL)
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS
(60,000 FT.)
INSULATION RESISTANCE: 5000 MEGOHMS MIN.
CASE INTEGRITY (WET DIELECTRIC): 1500 VRMS

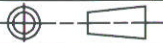
ENVIRONMENTAL:

SALT SPRAY: 48 HOURS IN ACCORDANCE WITH MIL-STD-202, METHOD 101, TEST CONDITION B.
VIBRATION: IN ACCORDANCE WITH MIL-STD-202, METHOD 204, TEST CONDITION D, LETTER E.
THERMAL SHOCK: IN ACCORDANCE WITH MIL-STD-202, METHOD 107, TEST CONDITION B.
EXCEPT TEMPERATURE EXTREMES ARE -55°C TO 65°C [-67°F TO 149°F]
HUMIDITY: IN ACCORDANCE WITH MIL-STD-202, METHOD 106, (OMIT STEP 7B).
TENSILE PULL: 10 LBS [44,48N] MIN. AT RIGHT ANGLES TO LONGITUDINAL AXIS OF CONTACT.

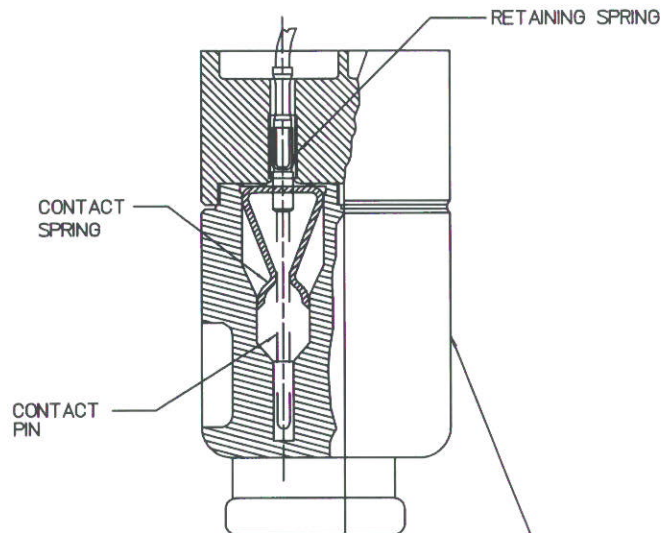
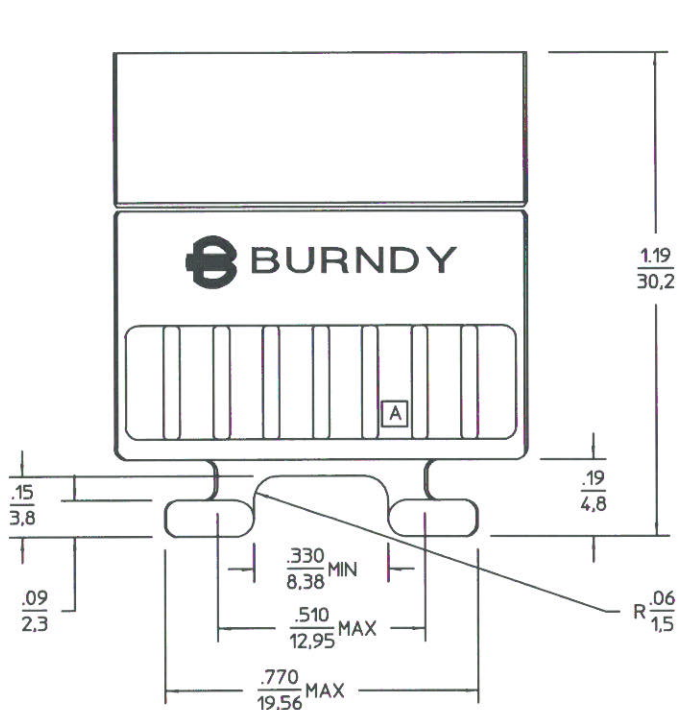
---	ALL REV. RECORDED ON SHT 1	---	---	---
REV	REVISION DESCRIPTION	BY	CHKD	DATE

HIGH DENSITY YHLZ TERMINAL BLOCK MODULES

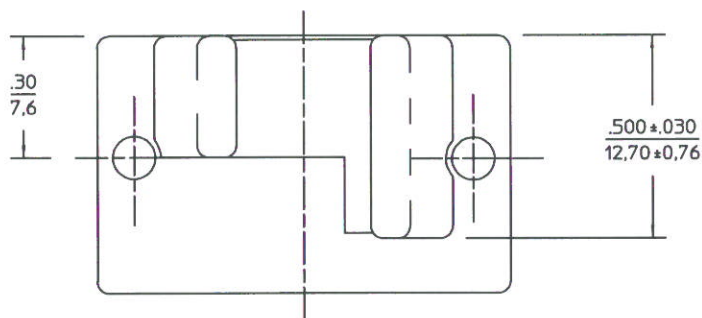
CAT NO. YHLZ16- (SEE TABLE)

LINEAR MEASURE: INCH mm INCH [mm]	DWG RELEASED TO CENTRAL FILE 06-10-96	A P P R O V A L	DRWN DWJ 05-31-80
THIRD ANGLE PROJECTION	CAGE NO. 09922 ECN 3556 PC 862		CHKD SFP 10-16-80
	© FRAMATOME CONNECTORS USA INC. 1996		DSGN LAS 10-24-80
- TOLERANCES - UNLESS OTHERWISE SPECIFIED			MKT FG 05-31-96
NO OF DECIMAL PLACES IN INCHES INCH [mm]			QC ZR 06-05-96
ONE PLACE ±.1 [±.3]			DRAWING SCALE: NONE
TWO PLACES ±.02 [±0.5]			DRAWING NO. REV
THREE PLACES ±.005 [±0.13]			SA84122 9
ANGLES ±1°			SHEET 3 OF 5





CUSTOMER PART NUMBER
FCI CAT. NUMBER



---	ALL REV. RECORDED ON SHT 1	---	---	---
REV	REVISION DESCRIPTION	BY	CHKD	DATE

HIGH DENSITY YHLZ TERMINAL BLOCK MODULES

CAT NO. YHLZ16- (SEE TABLE)

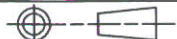
DWG RELEASED TO CENTRAL FILE 06-10-96

CAGE NO. 09922 ECN 3556 PC 862

© FRAMATOME CONNECTORS USA INC. 1996

LINEAR MEASURE: INCH mm INCH [mm]

THIRD ANGLE PROJECTION



- TOLERANCES -

UNLESS OTHERWISE SPECIFIED

NO OF DECIMAL PLACES IN INCHES INCH [mm]

ONE PLACE ±.1 (±3)

TWO PLACES ±.02 (±0.5)

THREE PLACES ±.005 (±0.13)

ANGLES ±1°



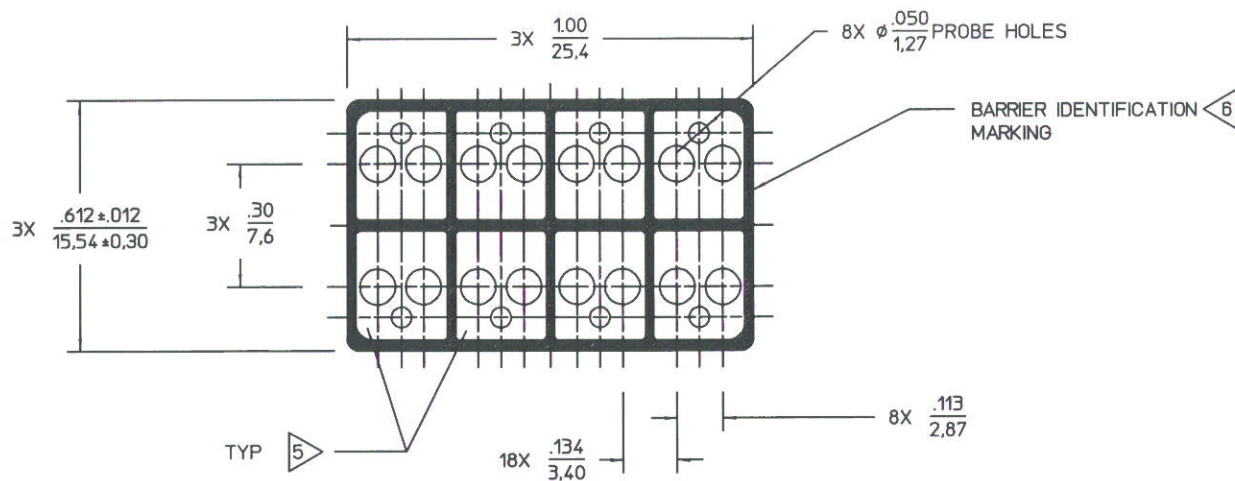
APPROVAL
DRWN DWJ 05-31-80
CHKD SFP 10-16-80
DSGN LAS 10-24-80
MKT FG 05-31-96
QC ZR 06-05-96

DRAWING SCALE 2 : 1

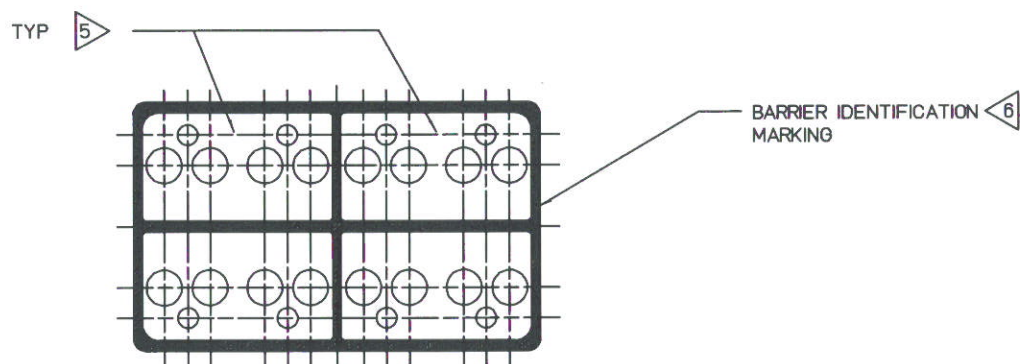
DRAWING NO REV

SA84122 9

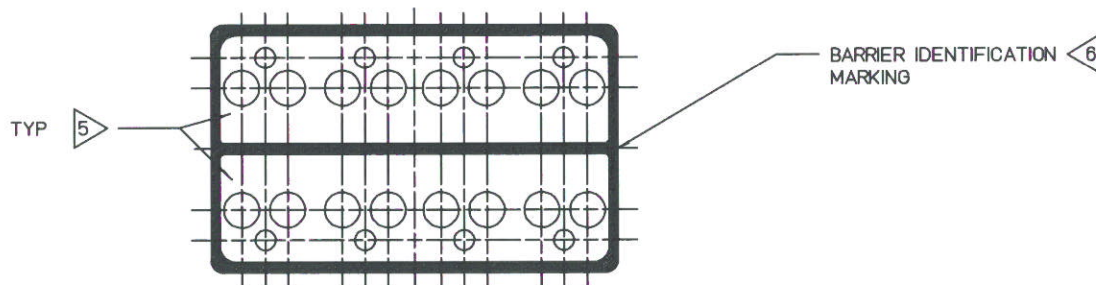
SHEET 4 OF 5



YHLZ16-2 (BACM15C3A)
8 UNITS OF 2 BUSSED TOGETHER



YHLZ16-4 (BACM15C3B)
4 UNITS OF 4 BUSSED TOGETHER



YHLZ16-8 (BACM15C3C)
2 UNITS OF 8 BUSSED TOGETHER

---	ALL REV. RECORDED ON SHT 1	---	---	---
REV	REVISION DESCRIPTION	BY	CHKD	DATE

HIGH DENSITY YHLZ TERMINAL BLOCK MODULES

CAT NO. YHLZ16- (SEE TABLE)

LINEAR MEASURE:		INCH mm	INCH [mm]
THIRD ANGLE PROJECTION			
			
- TOLERANCES -			
UNLESS OTHERWISE SPECIFIED			
NO OF DECIMAL PLACES IN INCHES		INCH [mm]	
ONE PLACE		±.1	±3
TWO PLACES		±.02	±0.5
THREE PLACES		±.005	±0.13
ANGLES ±1°			

DWG RELEASED TO CENTRAL FILE XX-XX-XX		
CAGE NO. 09922	ECN 3556	PC 862
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APPROVAL	DRWN	DWJ	05-31-80
	CHKD	SFP	10-16-80
	DSGN	LAS	10-24-80
	MKT	FG	05-31-96
	QC	ZR	06-05-96
DRAWING SCALE 2 : 1			
DRAWING NO			REV
SA84122			9
SHEET 5 OF 5			

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➤ 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