

Customer Information Sheet

DRAWING No.: M80-470XXXX

SHEET 2 OF 2

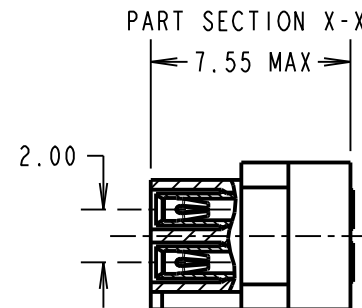
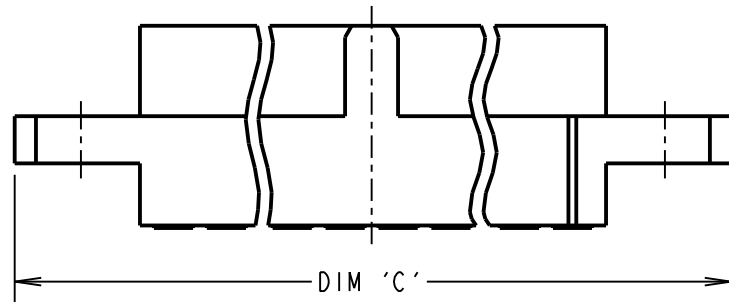
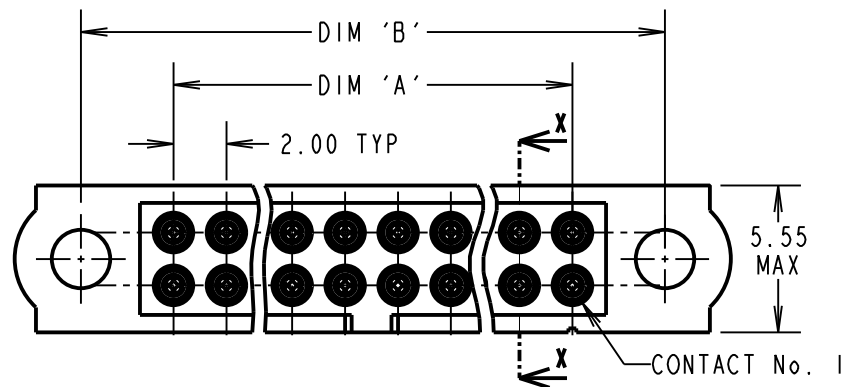
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

FINISH:

05 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL

42 = 0.3µ GOLD CLIP,

3.5-5.0µ 100% TIN OVER NICKEL SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX

WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

LOOSE

FOR COMPLETE SPECIFICATION, SEE

COMPONENT SPECIFICATION C005XX

(LATEST ISSUE)

NOTES:

1. CONNECTOR IS SUPPLIED WITH CONTACTS LOOSE.
2. FOR EXTRA CONTACTS, USE PART NUMBER
M80-0110005 FOR M80-470XX05 AND
M80-0110001 FOR M80-470XX42.
3. RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A,
PTFE INSULATED 22 AWG. MAX INSULATION
DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
4. RECOMMENDED HAND CRIMP TOOL = M22520/2-01
WITH POSITIONER T5747. REFER TO TOOLING
INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
5. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING
INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

ORDER CODE:

M80-470XXXX

TOTAL No. OF CONTACTS

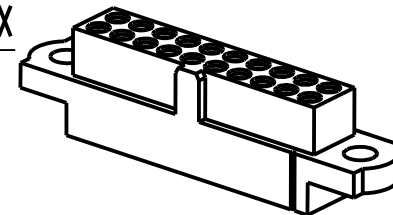
04 TO 50

(EVEN NUMBERS ONLY)

FINISH CODE

05 - GOLD CLIP, GOLD SHELL

42 - GOLD CLIP, 100% TIN OVER NICKEL SHELL



SB	2	21.07.11	11376
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: M.G.PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

DIMENSION

CALCULATION

DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10

EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD CLIP
AND 100% TIN OVER NICKEL SHELL, M80-4702042

DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm

HARWIN

HARWIN USA

TEL: 603 893 5376

FAX: 603 893 5396

mis@harwin.com

HARWIN Europe (UK)

TEL: 023 9231 4545

FAX: 023 9231 4590

mis@harwin.co.uk

HARWIN Asia

TEL: +65 6 779 4909

FAX: +65 6 779 3868

mis@harwin.com.sg

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DISCLOSED, LOANED, COPIED
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TOLERANCES

X. = ±1mm

X.X = ±0.25mm

X.XX = ±0.10mm

X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

JACKSCREW DATAMATE
DIL CRIMP (LARGE BORE)
FEMALE ASSEMBLY (NO J/S)

DRAWING NUMBER:

M80-470XXXX

SHT

2

OF 2

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