

Customer Information Sheet

DRAWING No.: M80-465XXXX

SHEET 2 OF 2

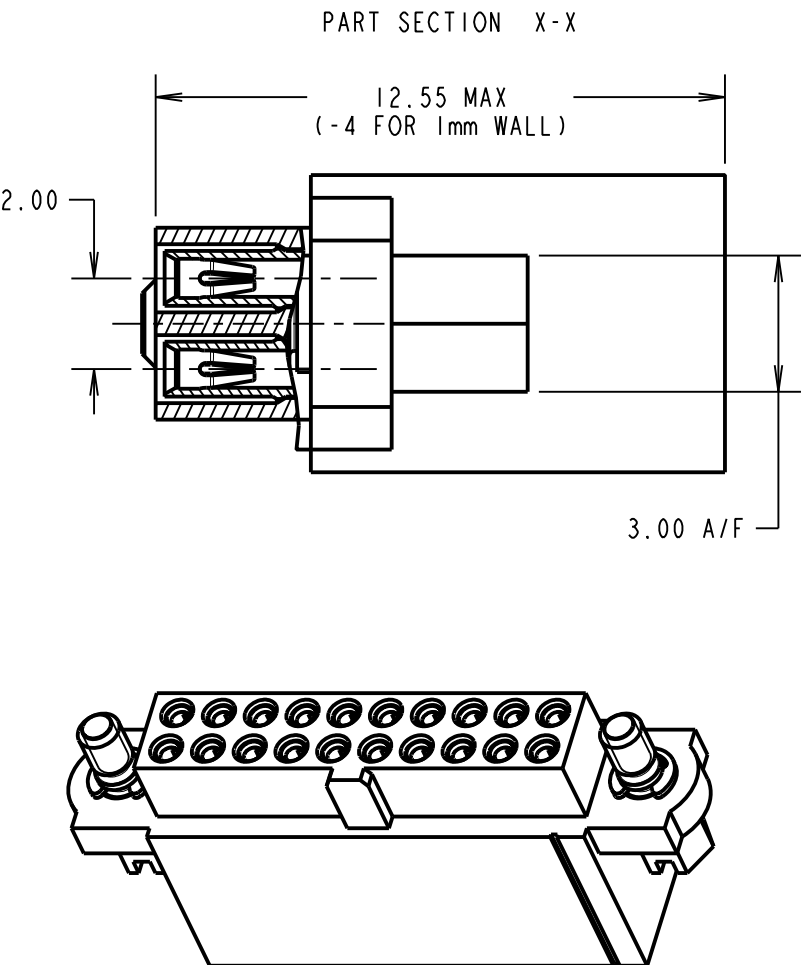
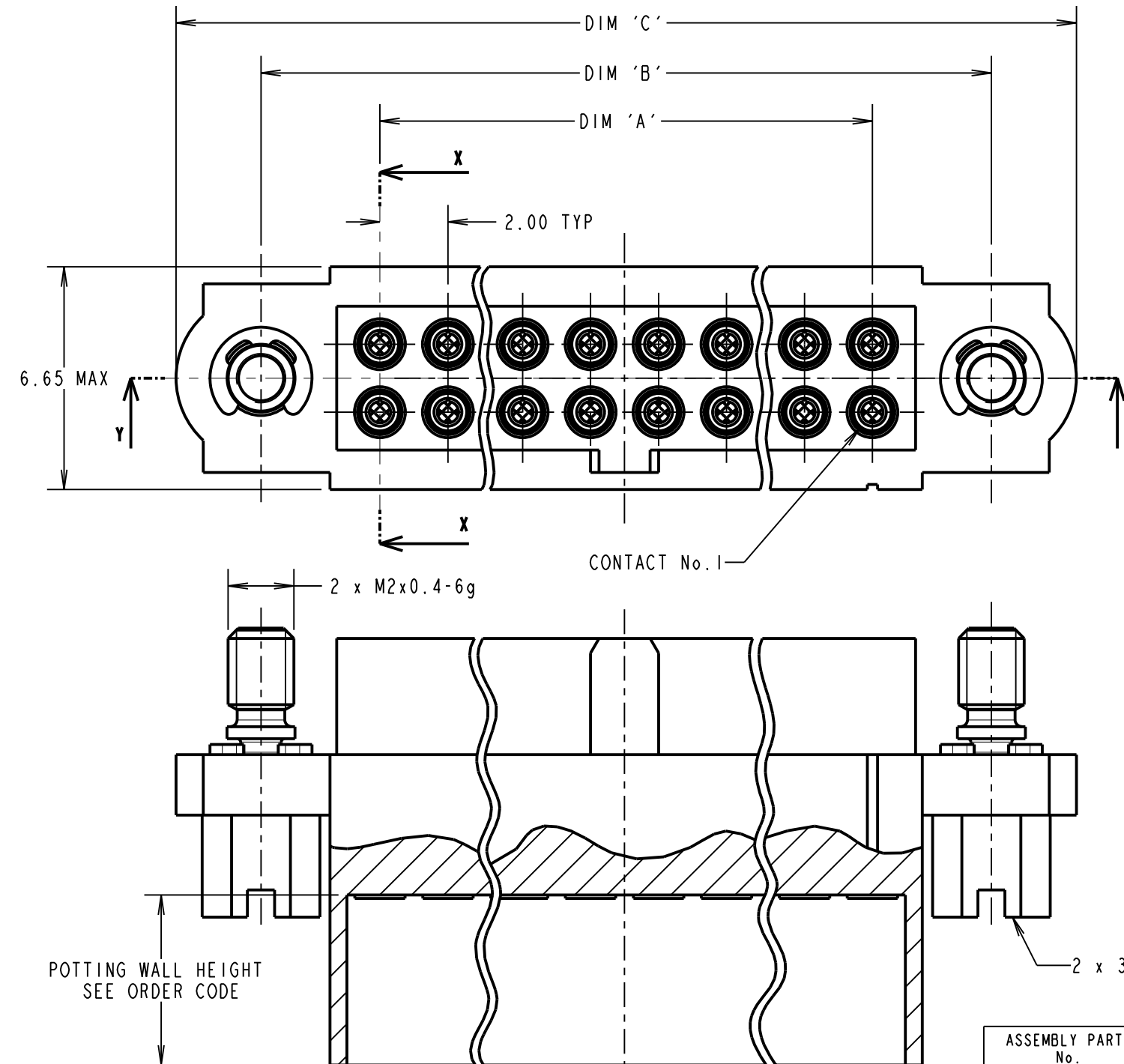
IF IN DOUBT - ASK

©

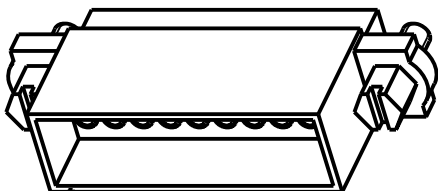
NOT TO SCALE

THIRD ANGLE PROJECTION

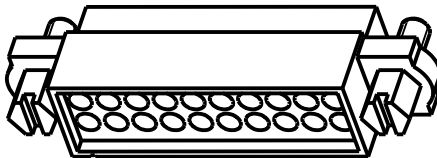
ALL DIMENSIONS IN mm



SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
CONTACT CLIP = BERYLLIUM COPPER
CONTACT SHELL = BRASS
JACKSCREW, CIRCLIP = STAINLESS STEEL
FINISH:
05 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL
42 = 0.3µ GOLD CLIP, 3.5-5.0µ 100% TIN 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)



5mm POTTING WALL HEIGHT



1mm POTTING WALL HEIGHT

- NOTES:
- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
 - FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-465XX05 AND M80-0110001 FOR M80-465XX42.
 - RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
 - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
 - CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

ORDER CODE:

M80-465XXXXX

TOTAL No. OF CONTACTS
06, 10, 12, 14, 18, 20,
26, 34, 42, 50

FINISH

05 - GOLD CLIP, GOLD SHELL
42 - GOLD CLIP, 100% TIN SHELL

POTTING WALL HEIGHT

BLANK = 5mm
A = 1mm

PART SECTION Y-Y

ASSEMBLY PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'
M80-46506XXX	6	4.00	11.00	16.00
M80-46510XXX	10	8.00	15.00	20.00
M80-46512XXX	12	10.00	17.00	22.00
M80-46514XXX	14	12.00	19.00	24.00
M80-46518XXX	18	16.00	23.00	28.00
M80-46520XXX	20	18.00	25.00	30.00
M80-46526XXX	26	24.00	31.00	36.00
M80-46534XXX	34	32.00	39.00	44.00
M80-46542XXX	42	40.00	47.00	52.00
M80-46550XXX	50	48.00	55.00	60.00

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

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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)
POTTING WALL FEMALE ASSEMBLY

DRAWING NUMBER:

M80-465XXXX

SB	8	21.07.11	11376
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		M.G.PLESTED	
DRAWN:		B. M. KENT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

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