

Customer Information Sheet

DRAWING No.: M80-475XXXX

SHEET 2 OF 2

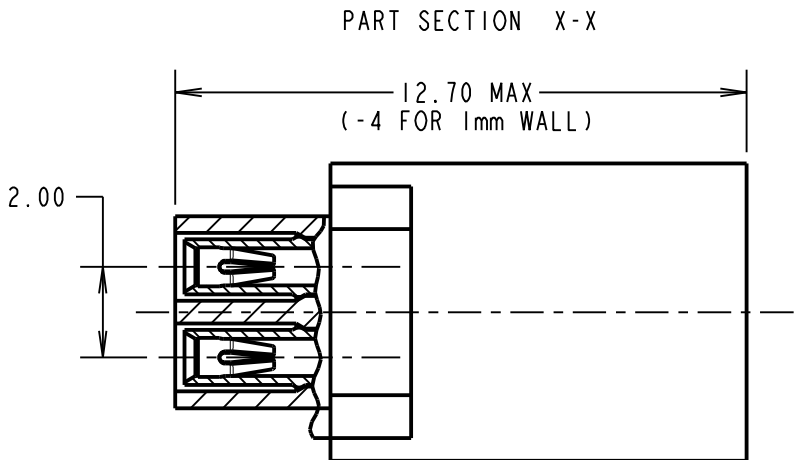
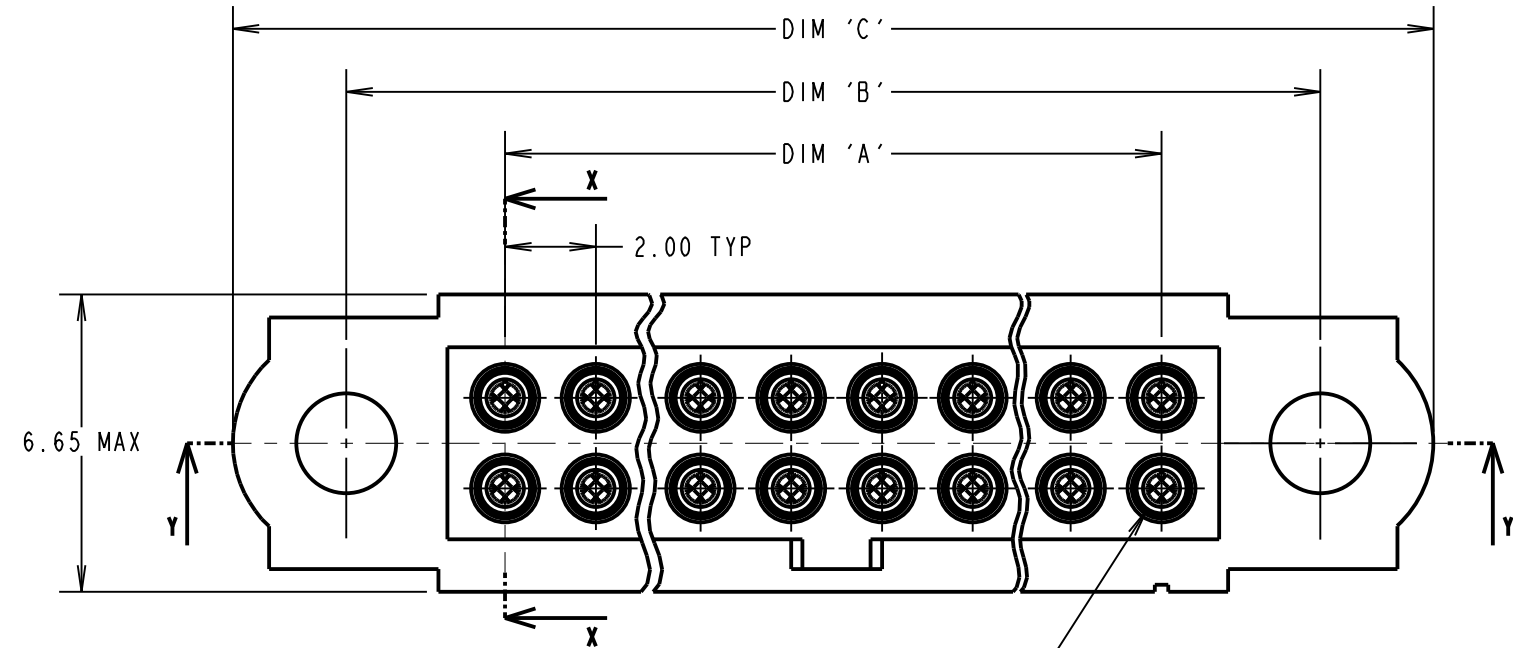
IF IN DOUBT - ASK

C

NOT TO SCALE

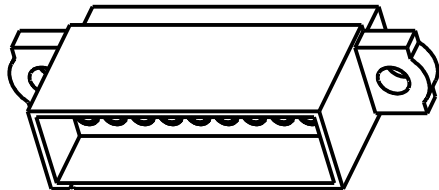
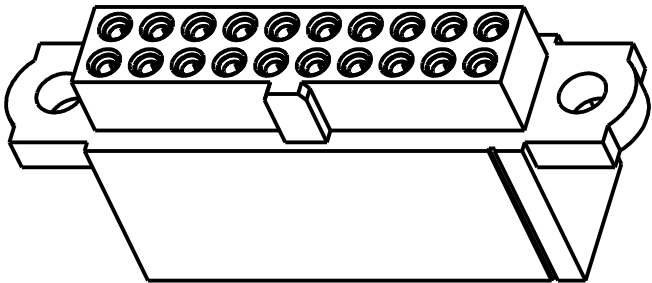
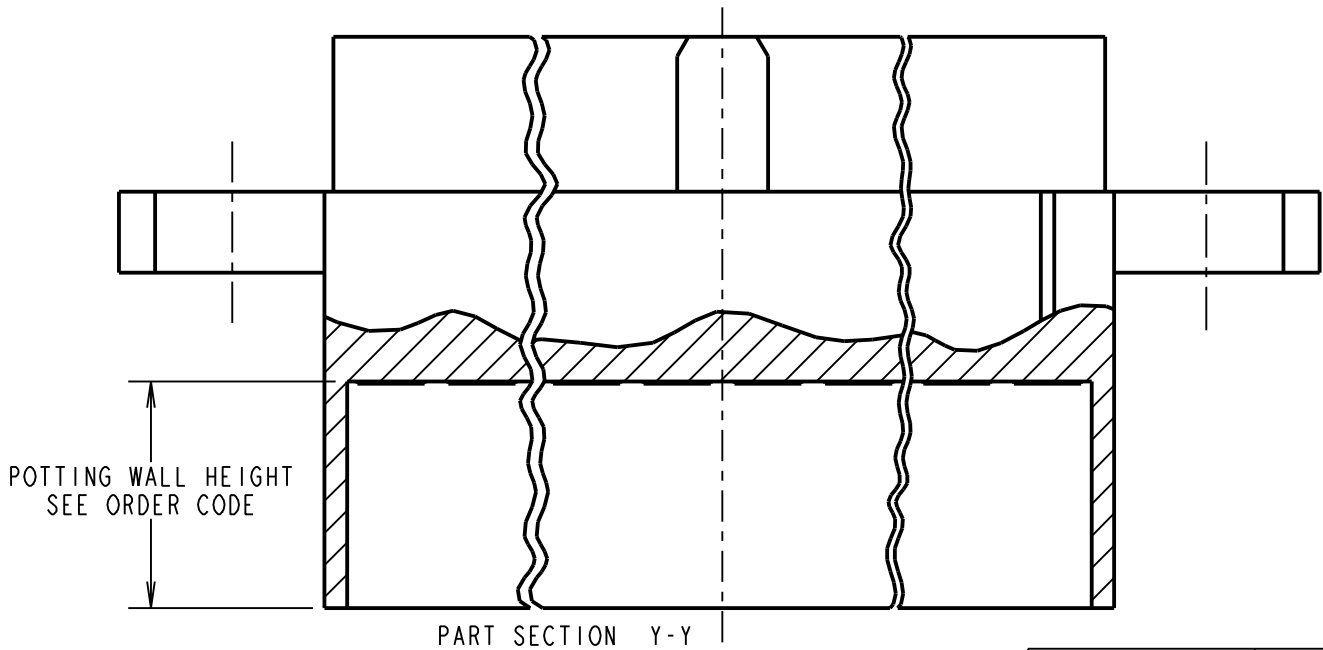
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

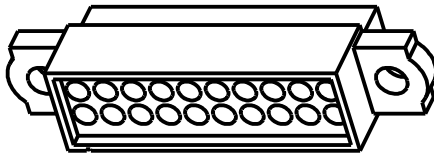


SPECIFICATIONS:
MATERIAL:
MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK
CONTACT CLIP = BERYLLIUM COPPER
CONTACT SHELL = BRASS
FINISH:
05 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL
42 = 0.3µ GOLD CLIP, 3.5-5.0µ 100% TIN SHELL
ELECTRICAL:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 800V AC/DC
VOLTAGE PROOF = 1200V AC/DC
CONTACT RESISTANCE = 25mΩ MAX
INSULATION RESISTANCE = 100MΩ MIN
MECHANICAL:
DURABILITY = 500 OPERATIONS
INSERTION FORCE (Ø0.5mm GAUGE) = 2N 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)

CONTACT No. 1



5mm POTTING WALL HEIGHT



1mm POTTING WALL HEIGHT

ORDER CODE:

M80-475XXXXX

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

ASSEMBLY PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'
M80-47506XXX	6	4.00	11.00	16.00
M80-47510XXX	10	8.00	15.00	20.00
M80-47512XXX	12	10.00	17.00	22.00
M80-47514XXX	14	12.00	19.00	24.00
M80-47518XXX	18	16.00	23.00	28.00
M80-47520XXX	20	18.00	25.00	30.00
M80-47526XXX	26	24.00	31.00	36.00
M80-47534XXX	34	32.00	39.00	44.00
M80-47542XXX	42	40.00	47.00	52.00
M80-47550XXX	50	48.00	55.00	60.00

- NOTES:
- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
 - FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-475XX05 AND M80-0110001 FOR M80-475XX42.
 - 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.

MSP	9	07.10.15	13110
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		B. M. KENT	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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TOLERANCES

X. = ±1mm
X.X = ±0.50mm
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 (NO J/S)

DRAWING NUMBER:
M80-475XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-4751405](#) [M80-4752005](#) [M80-4752605](#) [M80-4750605](#) [M80-4751005](#) [M80-4753405](#) [M80-4754205](#) [M80-4751205](#) [M80-4751805](#) [M80-4755005](#)