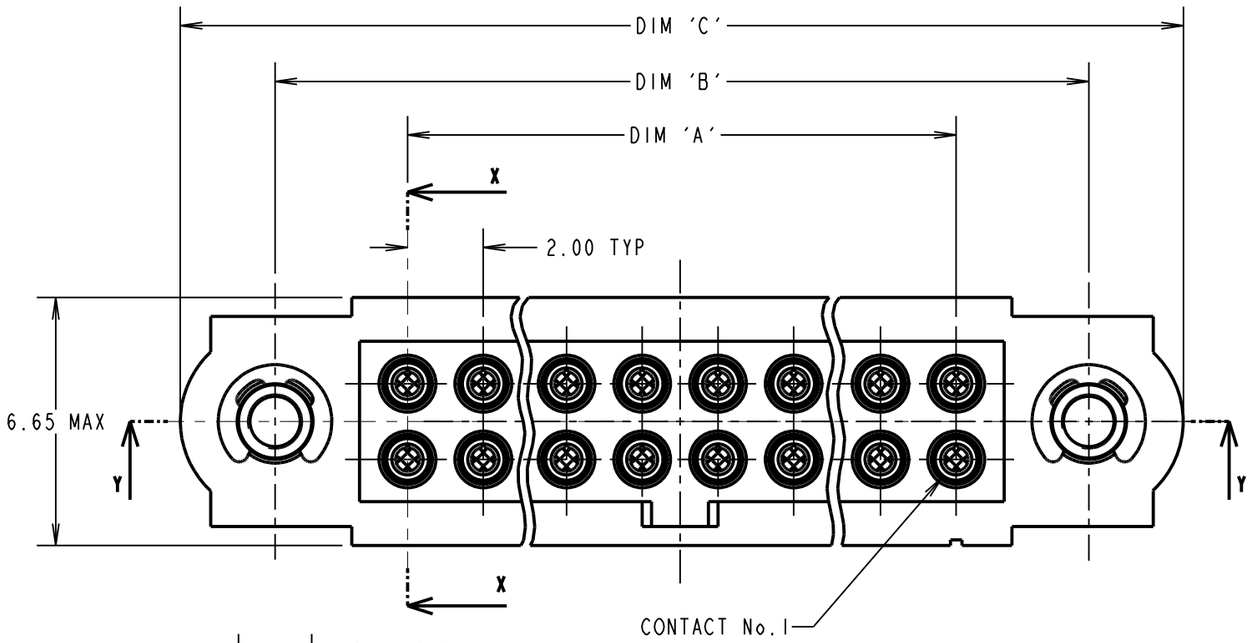
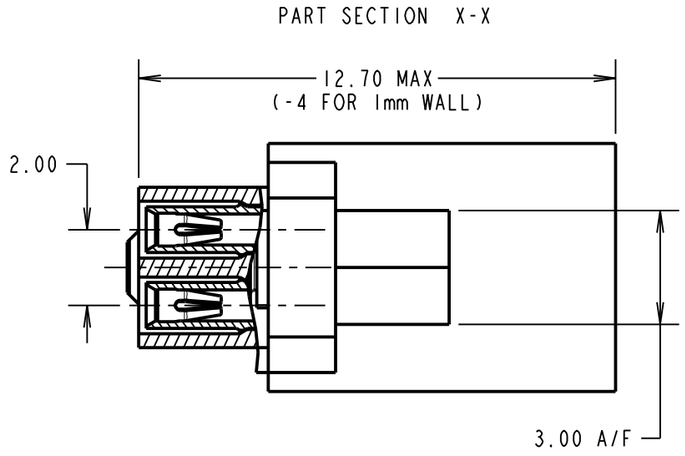
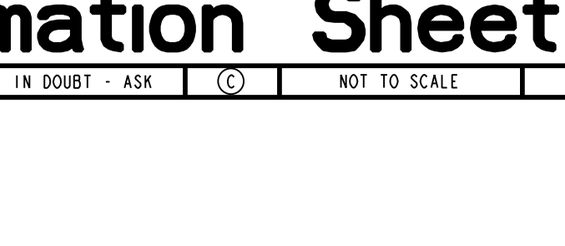
Customer Information Sheet

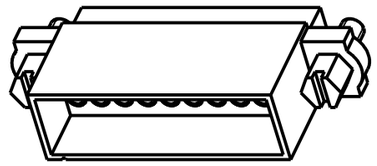
DRAWING No.: M80-465XXXX	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm



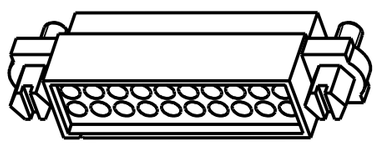
PART SECTION Y-Y







5mm POTTING WALL HEIGHT



1mm POTTING WALL HEIGHT

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 = 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)

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

NOTES:
1. CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
2. FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-465XX05 AND M80-0110001 FOR M80-465XX42.
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:

M80-465XXXXX

- 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

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

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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 ASSEMBLY

DRAWING NUMBER: M80-465XXXX

SHT 2 OF 2