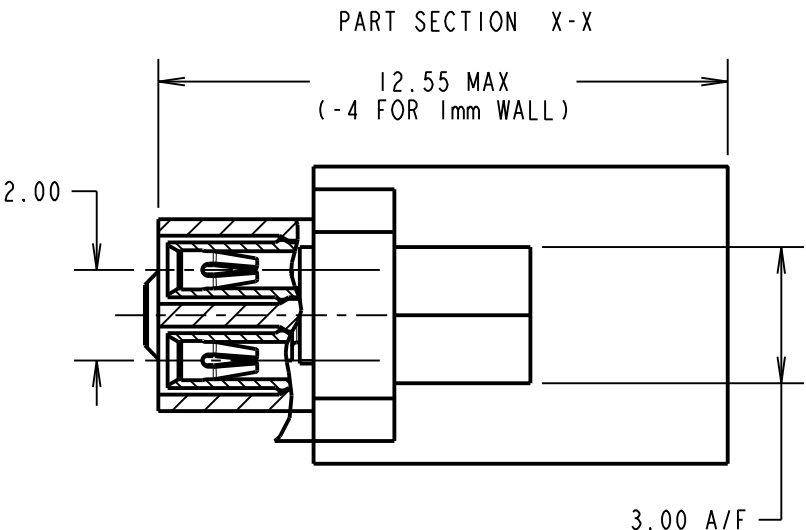
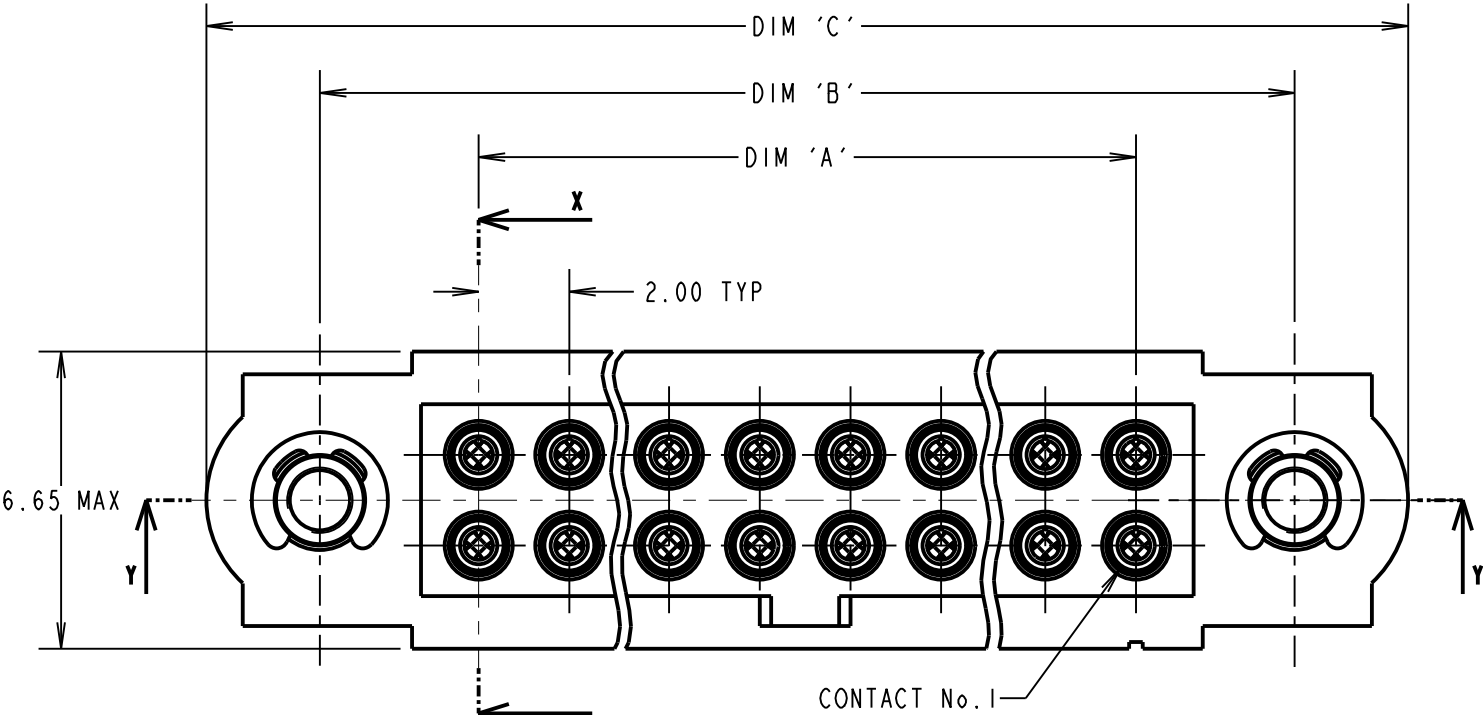
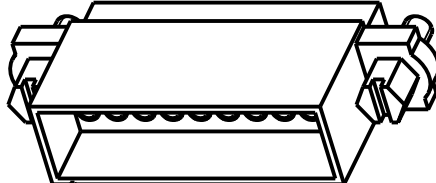
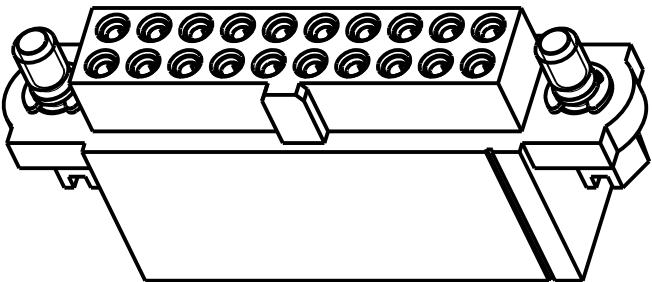
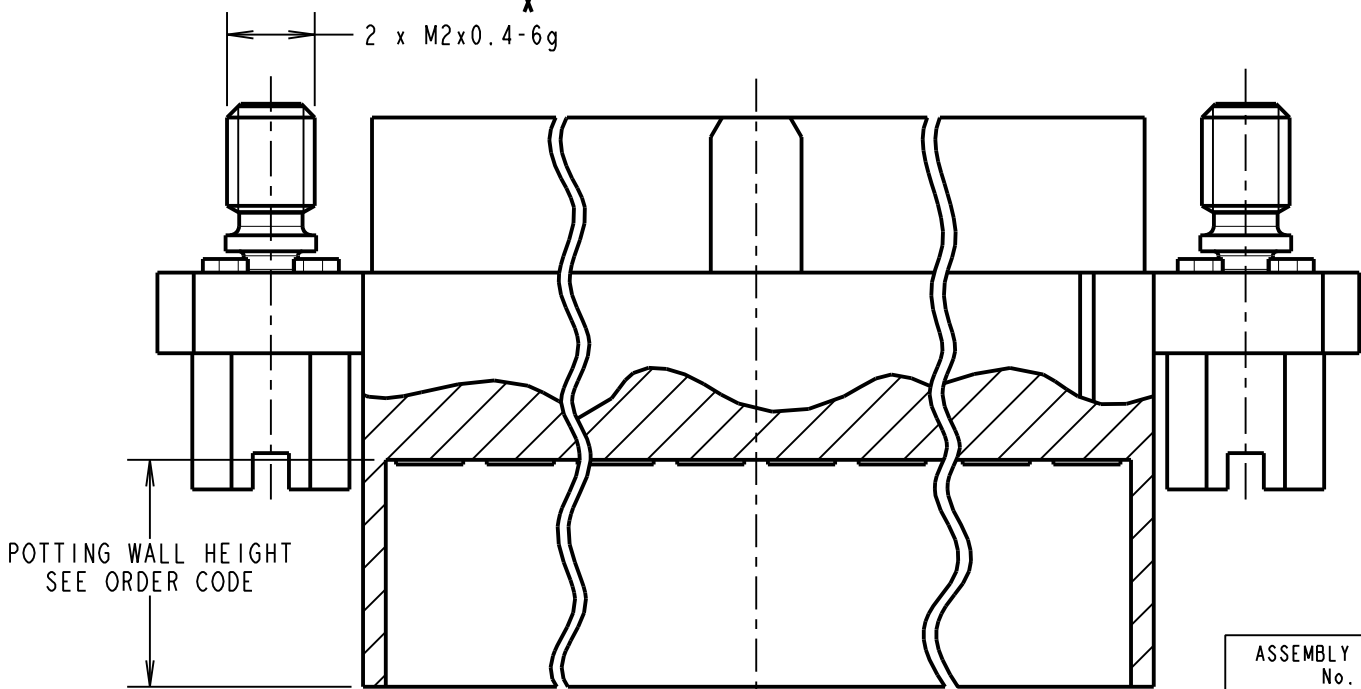


# Customer Information Sheet

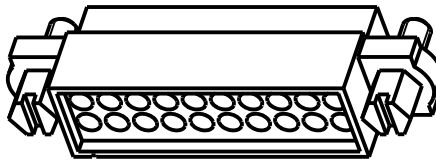
DRAWING No.: M80-466XXXX SHEET 2 OF 2 IF IN DOUBT - ASK © NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm



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

| ASSEMBLY PART No. | No. OF CONTACTS | DIM 'A' | DIM 'B' | DIM 'C' |
|-------------------|-----------------|---------|---------|---------|
| M80-46606XXX      | 6               | 4.00    | 11.00   | 16.00   |
| M80-46610XXX      | 10              | 8.00    | 15.00   | 20.00   |
| M80-46612XXX      | 12              | 10.00   | 17.00   | 22.00   |
| M80-46614XXX      | 14              | 12.00   | 19.00   | 24.00   |
| M80-46618XXX      | 18              | 16.00   | 23.00   | 28.00   |
| M80-46620XXX      | 20              | 18.00   | 25.00   | 30.00   |
| M80-46626XXX      | 26              | 24.00   | 31.00   | 36.00   |
| M80-46634XXX      | 34              | 32.00   | 39.00   | 44.00   |
| M80-46642XXX      | 42              | 40.00   | 47.00   | 52.00   |
| M80-46650XXX      | 50              | 48.00   | 55.00   | 60.00   |

- NOTES:
- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
  - FOR EXTRA CONTACTS, USE PART NUMBER M80-0130005 FOR M80-466XX05 AND M80-0130001 FOR M80-466XX42.
  - RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
  - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747.
  - CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
  - INSTRUCTION SHEETS ARE AVAILABLE.

|                |             |          |        |
|----------------|-------------|----------|--------|
| RA             | 7           | 21.01.11 | 11101  |
| NAME           | ISS.        | DATE     | C/NOTE |
| APPROVED:      | R.ADDE      |          |        |
| CHECKED:       | M.G.PLESTED |          |        |
| DRAWN:         | B. M. KENT  |          |        |
| CUSTOMER REF.: |             |          |        |
| ASSEMBLY DRG:  |             |          |        |

ORDER CODE:  
**M80-466XXXXX**

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

**HARWIN**

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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 (SMALL BORE)  
POTTING WALL FEMALE ASSEMBLY  
DRAWING NUMBER:  
**M80-466XXXX**  
SHT 2 OF 2