

# Customer Information Sheet

DRAWING No.: M80-566XXX

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 = COPPER ALLOY

JACKSCREW = STAINLESS STEEL

**FINISH:**CONTACTS = 0.25-0.3 $\mu$  GOLD**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 = 25m $\Omega$  MAXINSULATION RESISTANCE = 100M $\Omega$  MIN**MECHANICAL:**

DURABILITY = 500 OPERATIONS

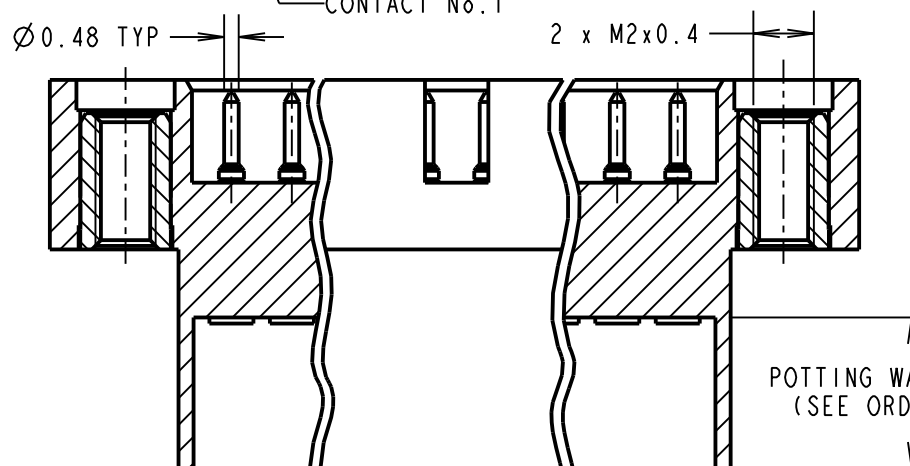
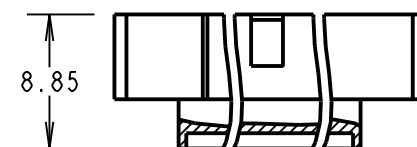
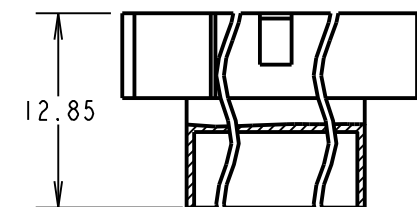
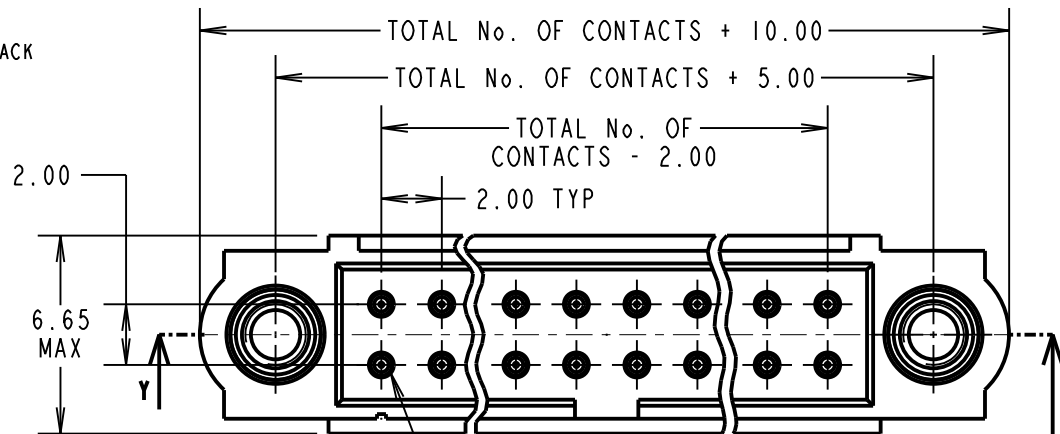
**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

**PACKING:**

LOOSE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)



PART SECTION Y-Y

**ORDER CODE:****M80-566XXXXX**

TOTAL No. OF CONTACTS

06, 10, 14, 20, 26, 34,

FINISH

05 - GOLD

POTTING WALL HEIGHT

BLANK = 5mm

A = 1mm

**NOTES:**

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-1950005.
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER =  $\phi 1.10$ mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR CRIMPING INSTRUCTIONS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

SM	5	28.11.11	11567
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: M. G. PLESTED			
DRAWN: B. M. KENT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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**TOLERANCES**X. =  $\pm 1$ mm  
X.X =  $\pm 0.25$ mm  
X.XX =  $\pm 0.10$ mm  
X.XXX =  $\pm 0.01$ mmANGLES =  $\pm 5^\circ$ 

UNLESS STATED

**MATERIAL:**

SEE ABOVE

**FINISH:**

SEE ABOVE

**S/AREA:**mm<sup>2</sup>**TITLE:**DATAMATE J-TEK  
DIL MALE CRIMP (SMALL BORE)  
POTTING WALL ASSEMBLY**DRAWING NUMBER:****M80-566XXXX**SHT  
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