

# Customer Information Sheet

DRAWING No.: M80-666XXX

SHEET 2 OF 2

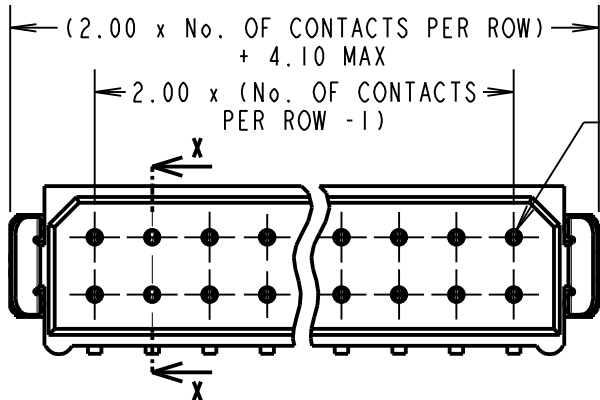
IF IN DOUBT - ASK

©

NOT TO SCALE

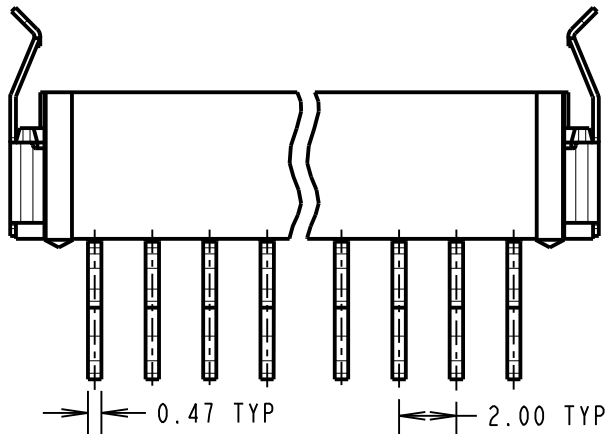
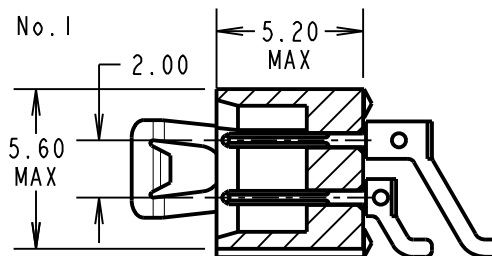
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

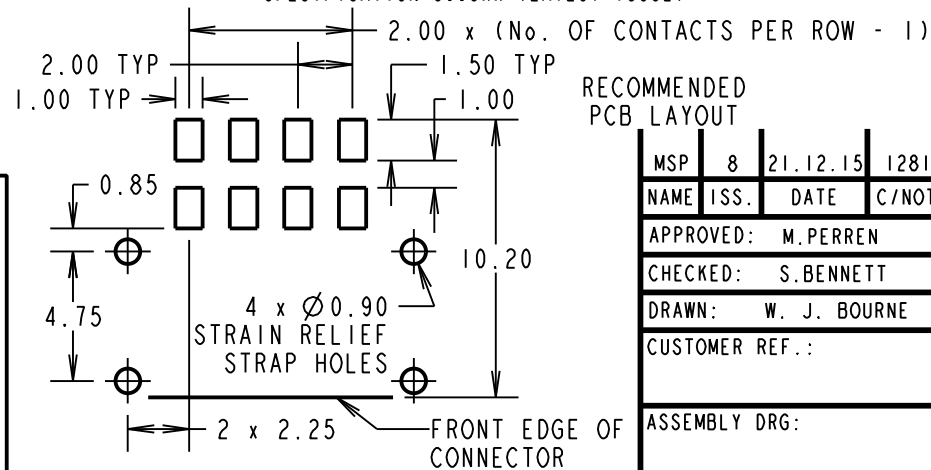
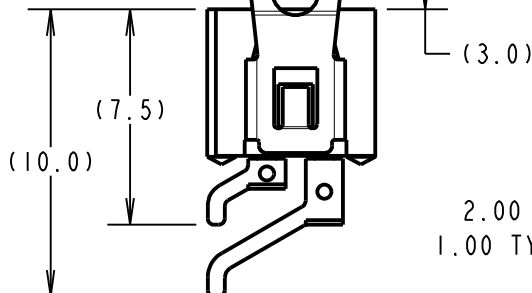


CONTACT No. 1

SECTION X-X



0.36 MAX



**SPECIFICATIONS:**

**MATERIAL:**

MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK

CONTACT = BRASS

LATCH = BERYLLIUM COPPER

**FINISH:**

**CONTACT:**

22 = 0.75µ GOLD ON CONTACT AREA,

3µm 90/10 TIN/LEAD ON TAILS

42 = 0.75µ GOLD ON CONTACT AREA,

3µm 100% TIN ON TAILS

45 = 0.75µ GOLD OVER NICKEL

LATCH = 1.25µ NICKEL

**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

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

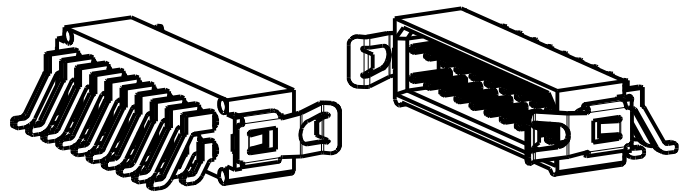
**PACKING:**

TUBE, 2-OFF STRAIN RELIEF STRAPS PER CONNECTOR IN BAG FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

ORDER CODE:  
**M80-666XXX**

No. OF CONTACTS  
04, 06, 08, 10, 12, 14,  
16, 18, 20, 26, 34

FINISH  
22 - GOLD, 90/10 TIN/LEAD  
42 - GOLD, 100% TIN  
45 - ALL OVER GOLD



**RECOMMENDED PCB LAYOUT**

MSP	8	21.12.15	12814
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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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:** mm<sup>2</sup>

**TITLE:** DATAMATE L-TEK MALE DIL HORIZONTAL SMT ASSEMBLY (LATCHED)  
**DRAWING NUMBER:** M80-666XXX  
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