

# Customer Information Sheet

DRAWING No.: M80-666XXXX

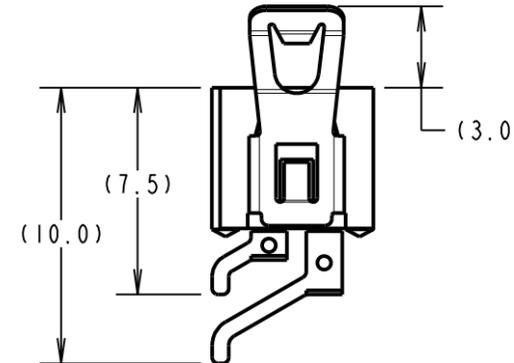
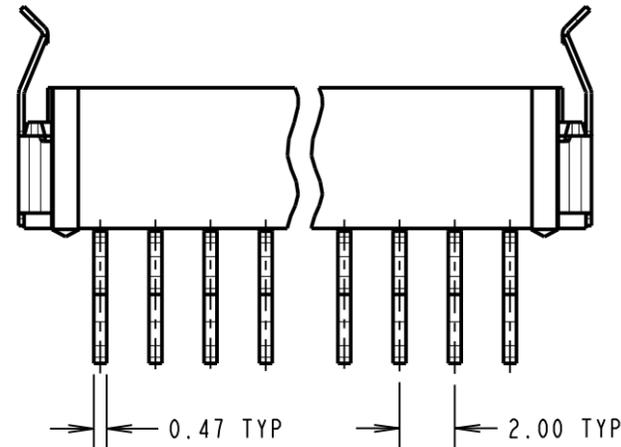
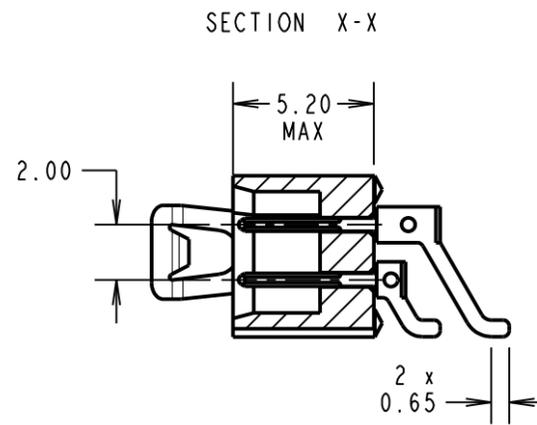
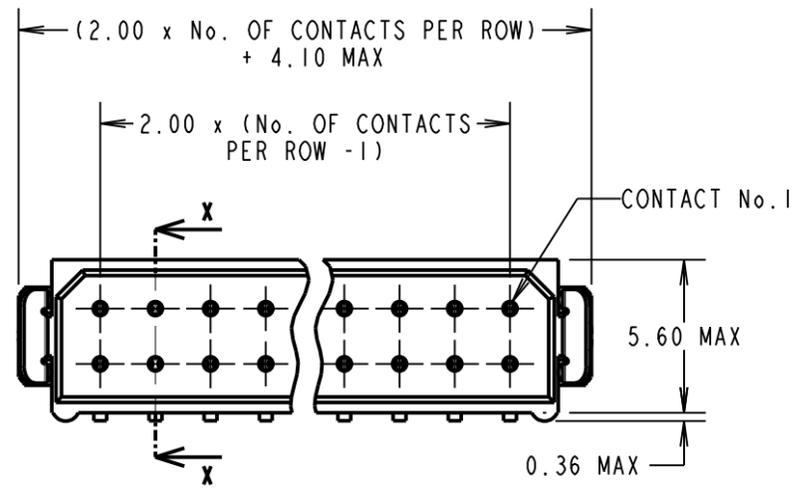
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATIONS:**

**MATERIAL:**  
 MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK  
 CONTACT = BRASS  
 LATCH = BERYLLIUM COPPER

**FINISH:**  
**CONTACT:**  
 22 = 0.75µm GOLD ON CONTACT AREA,  
 3µm 90/10 TIN/LEAD ON TAILS  
 42 = 0.75µm GOLD ON CONTACT AREA,  
 3µm 100% TIN ON TAILS  
 45 = 0.75µm GOLD OVER NICKEL  
 LATCH = 1.25µm NICKEL

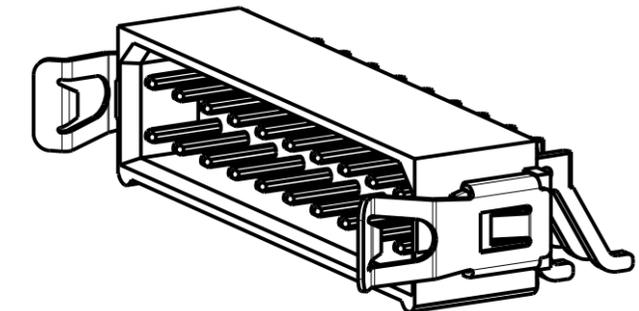
**ELECTRICAL:**  
 CURRENT RATING AT 25°C = 3.0A MAX  
 CURRENT RATING AT 85°C = 2.2A MAX  
 WORKING VOLTAGE = 800V AC/DC  
 VOLTAGE PROOF = 1200V AC/DC  
 CONTACT RESISTANCE = 25mΩ MAX  
 INSULATION RESISTANCE = 100MΩ MIN

**MECHANICAL:**  
 DURABILITY = 500 OPERATIONS

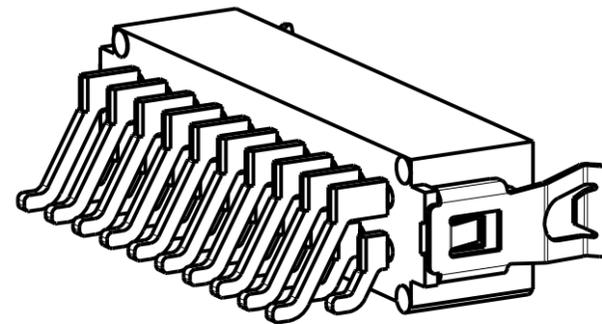
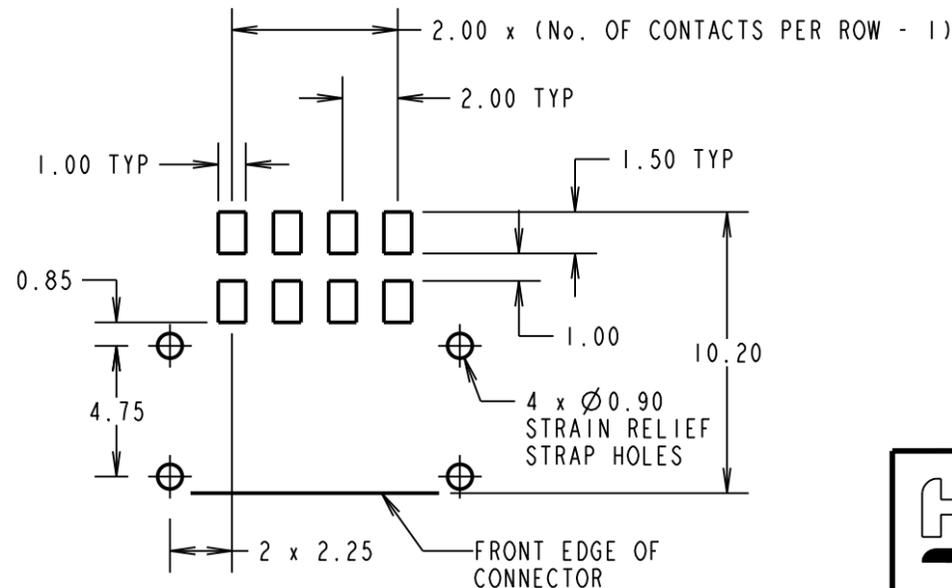
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -55°C TO +125°C

**PACKING:**  
 TUBE, 2-OFF M80-0030006 STRAIN RELIEF STRAPS  
 PER CONNECTOR IN BAG

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



**RECOMMENDED PCB LAYOUT**  
 TOLERANCE ±0.05mm



ORDER CODE:  
**M80-666XXXX**

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

MGP	9	21.07.21	30679
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**  
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**TOLERANCES**  
 X. = ±1mm  
 X.X = ±0.50mm  
 X.XX = ±0.20mm  
 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:**  
**M80-666XXXX**

SHT  
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