

Customer Information Sheet

DRAWING No.: M80-666XXX

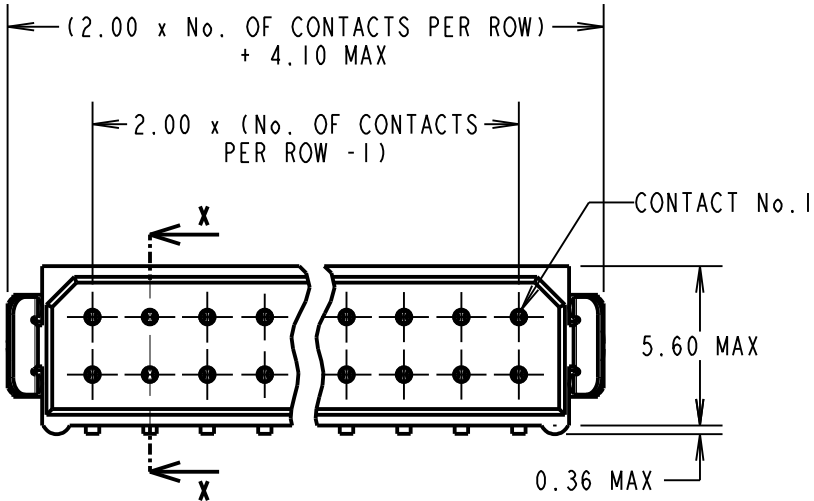
IF IN DOUBT - ASK

©

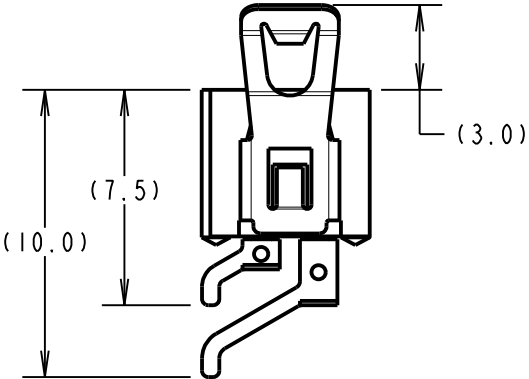
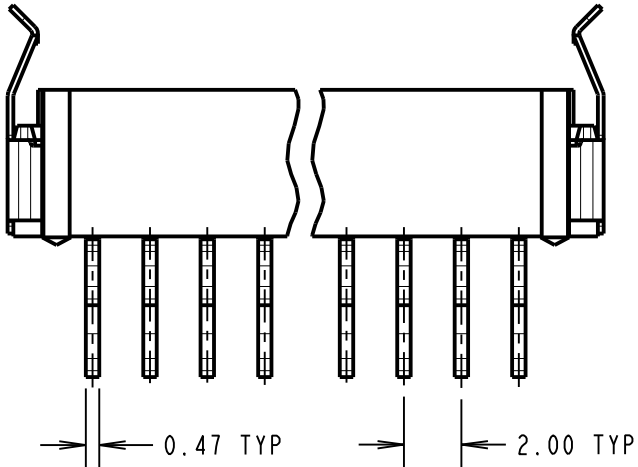
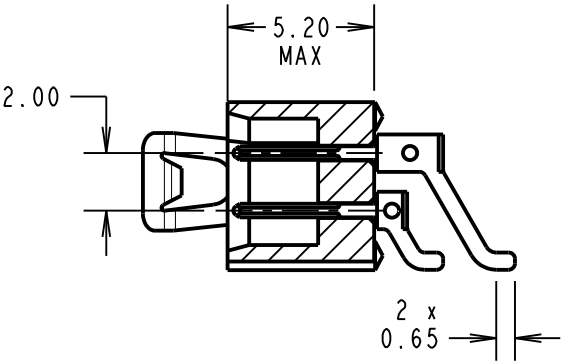
NOT TO SCALE

THIRD ANGLE PROJECTION

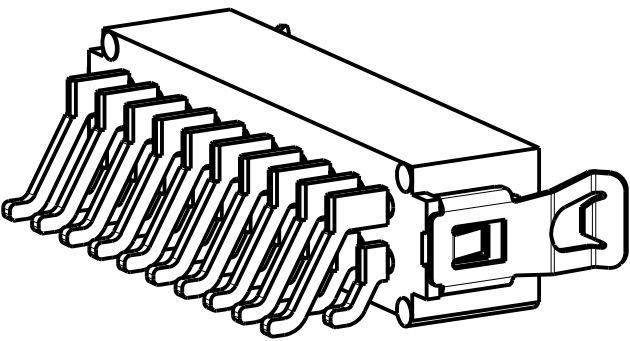
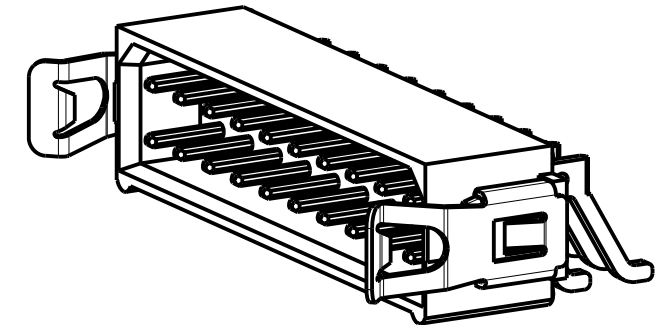
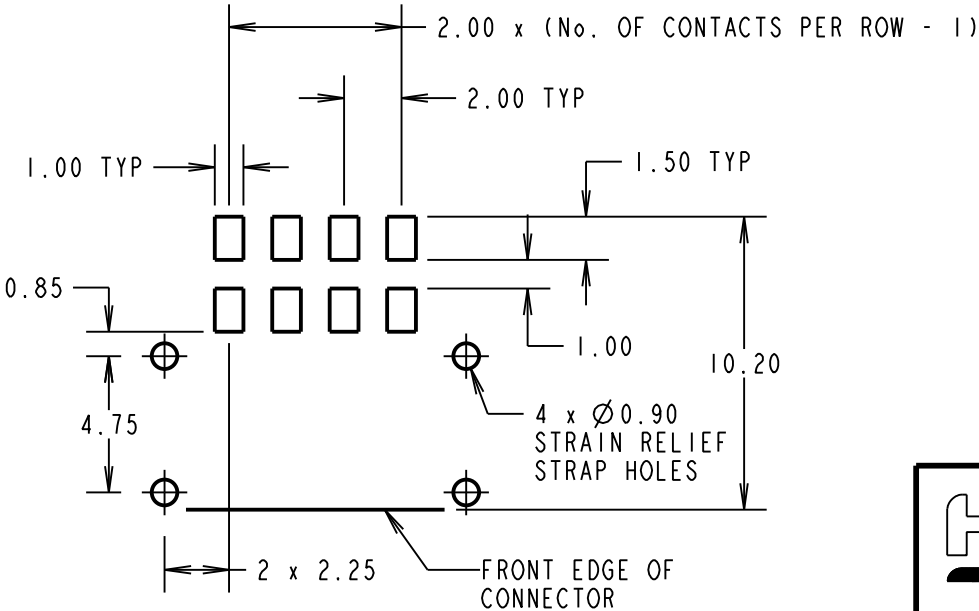
ALL DIMENSIONS IN mm



SECTION X-X



RECOMMENDED PCB LAYOUT
TOLERANCE $\pm 0.05\text{mm}$



SPECIFICATIONS:

MATERIAL:

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

CONTACT = BRASS

LATCH = BERYLLIUM COPPER

FINISH:

CONTACT:

22 = $0.75\mu\text{m}$ GOLD ON CONTACT AREA,
 $3\mu\text{m}$ 90/10 TIN/LEAD ON TAILS

42 = $0.75\mu\text{m}$ GOLD ON CONTACT AREA,
 $3\mu\text{m}$ 100% TIN ON TAILS

45 = $0.75\mu\text{m}$ GOLD OVER NICKEL

LATCH = $1.25\mu\text{m}$ 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 = $25\text{m}\Omega \text{ MAX}$

INSULATION RESISTANCE = $100\text{M}\Omega \text{ MIN}$

MECHANICAL:

DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^{\circ}\text{C}$

PACKING:

TUBE, 2-OFF M80-0030006 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

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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MATTER SET OUT HEREON ARE
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GROUP AND MUST NOT BE
DISCLOSED, LOANED, COPIED
OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.

TOLERANCES
X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.20\text{mm}$
X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^{\circ}$
UNLESS STATED

MATERIAL:
SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE L-TEK
MALE DIL HORIZONTAL SMT
ASSEMBLY (LATCHED)

DRAWING NUMBER:
M80-666XXX

SHT
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