

Customer Information Sheet

DRAWING No.: M80-666XXX

SHEET 2 OF 2

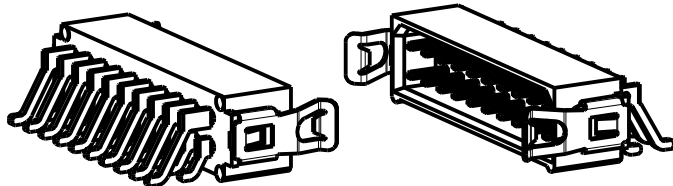
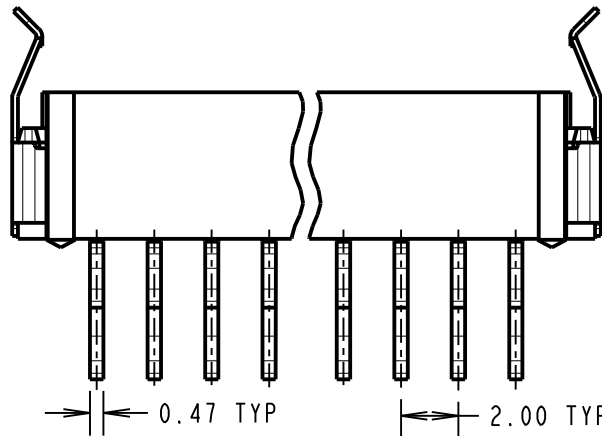
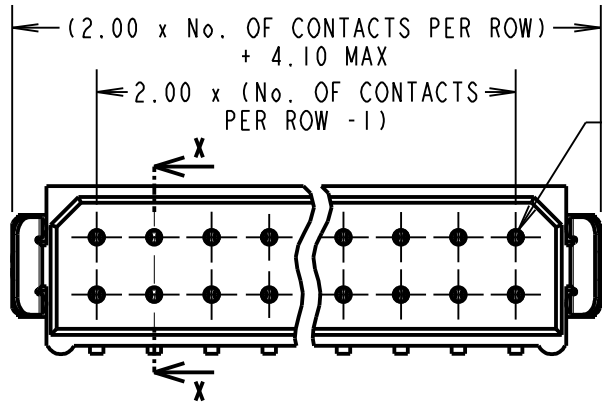
IF IN DOUBT - ASK

(C)

NOT TO SCALE

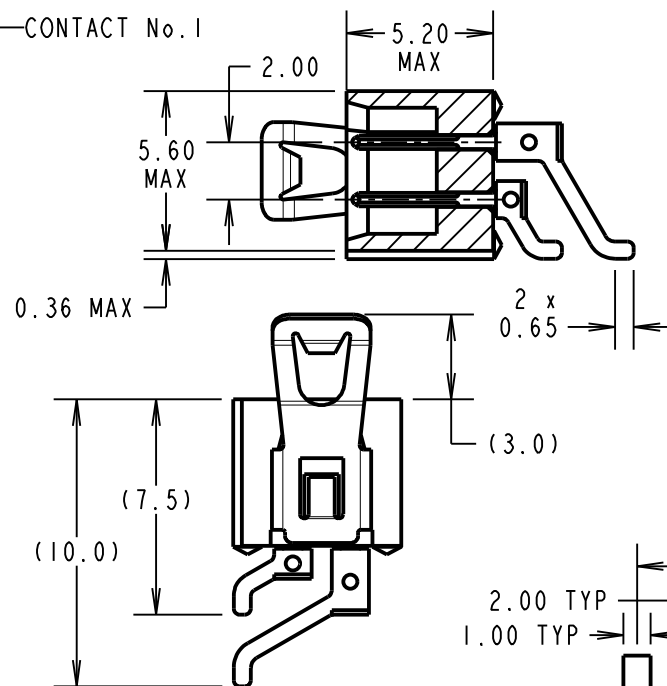
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



CONTACT No. 1

SECTION X-X



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

SPECIFICATIONS:

MATERIAL:

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

CONTACT = BRASS

LATCH = BERYLLIUM COPPER

FINISH:

CONTACT:

22 = 0.75μ GOLD ON CONTACT AREA,
 3μ 90/10 TIN/LEAD ON TAILS

42 = 0.75μ GOLD ON CONTACT AREA,
 3μ 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 = $25\text{m}\Omega \text{ MAX}$

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

MECHANICAL:

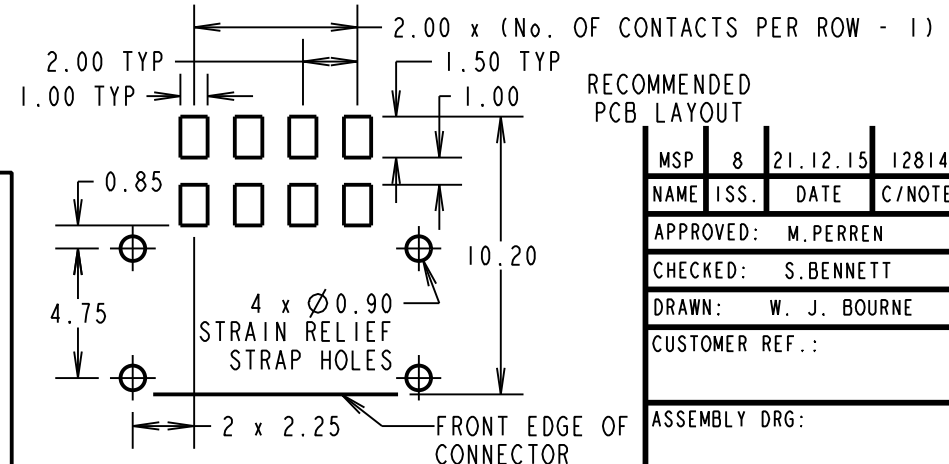
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

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

PACKING:

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



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. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
X.XX = $\pm 0.10\text{mm}$
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
2 OF 2