

Customer Information Sheet

DRAWING No.: M80-666XXXX

SHEET 2 OF 2

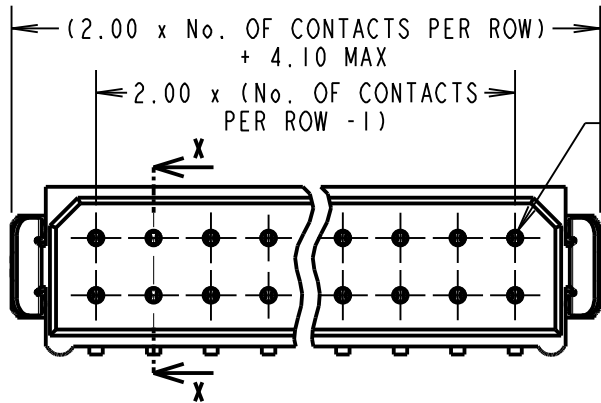
IF IN DOUBT - ASK

(C)

NOT TO SCALE

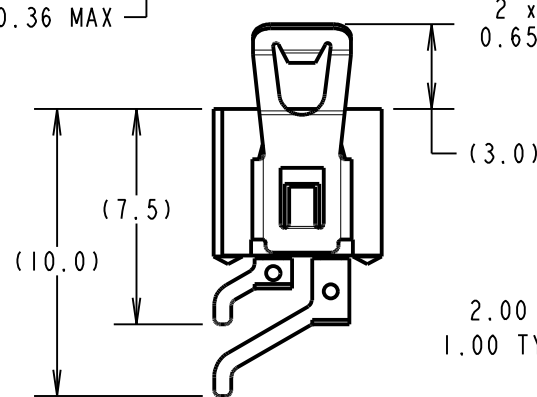
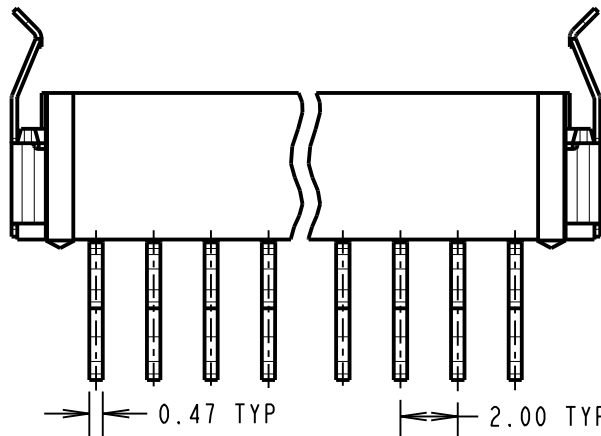
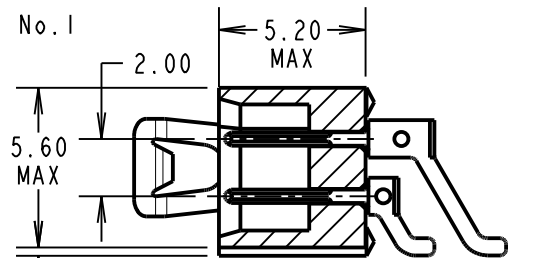
THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



CONTACT No. 1

SECTION X-X



ORDER CODE:

M80-666XXXX

No. OF CONTACTS
04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

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,
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:

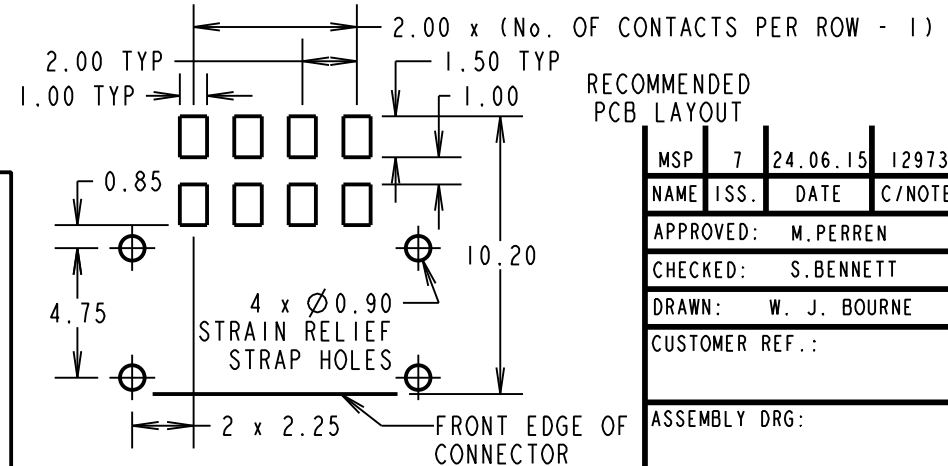
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

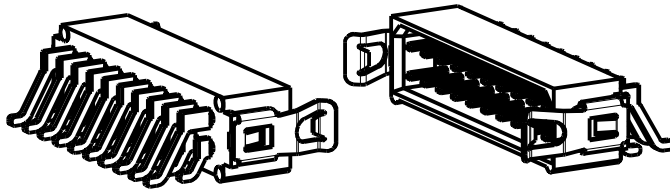
PACKING:

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



RECOMMENDED
PCB LAYOUT

MSP	7	24.06.15	12973
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:

mm²

TITLE:

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

DRAWING NUMBER:

M80-666XXXX

SHT
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