

Customer Information Sheet

DRAWING No.: M80-824XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

ORDER CODE:

M80-824XXXX

TOTAL No. OF CONTACTS

04, 06, 08, 10, 12, 14,
16, 18, 20, 26, 34, 44

FINISH:

22 = SELECTIVE GOLD / TIN/LEAD
42 = SELECTIVE GOLD / 100% TIN
45 = GOLD

NOTES:

- 2-OFF STRAIN RELIEF STRAPS
MAY BE USED WITH EACH
CONNECTOR.

SPECIFICATIONS:

MATERIAL:

MOULDING = POLYAMIDE 46 UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

22 = 0.75 μ GOLD ON CONTACT AREA.3.0 μ 90/10 TIN/LEAD ON TAILS42 = 0.75 μ GOLD ON CONTACT AREA.3.0 μ 100% TIN ON TAILS45 = 0.75 μ GOLDLATCH = 1.25 μ NICKEL

ELECTRICAL:

CURRENT RATING (25°C) = 3.0A MAX.

CURRENT RATING (85°C) = 2.2A MAX.

WORKING VOLTAGE = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE (INITIAL) = 20 m Ω MAX.CONTACT RESISTANCE (AFTER CONDITIONING) = 25 m Ω MAX.INSULATION RESISTANCE (INITIAL) = 1000 M Ω MIN.INSULATION RESISTANCE (AFTER CONDITIONING) = 100 M Ω MIN.

MECHANICAL:

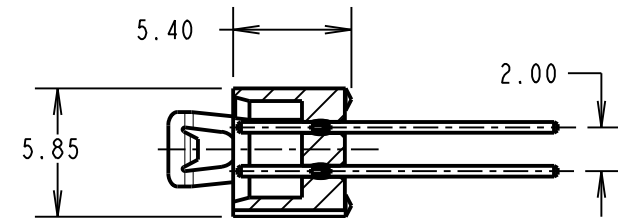
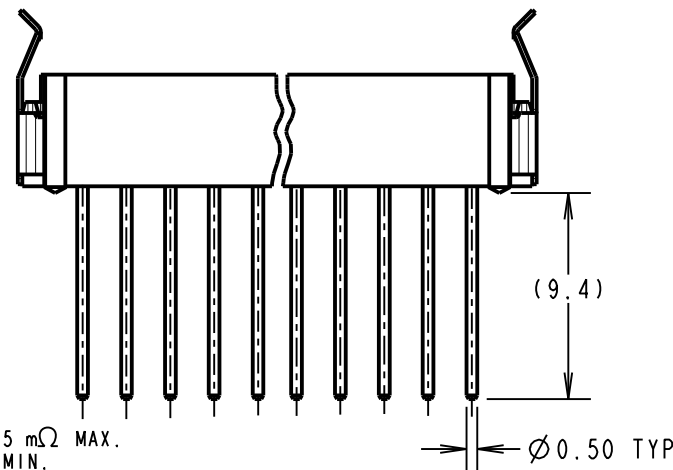
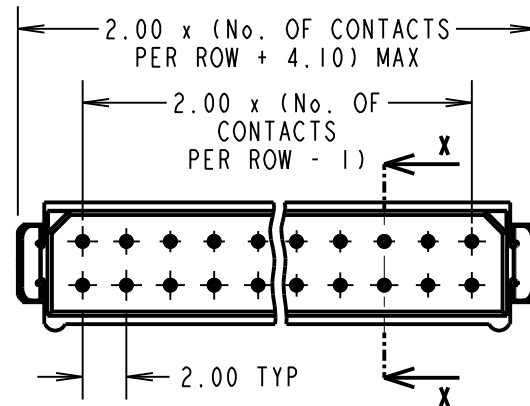
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

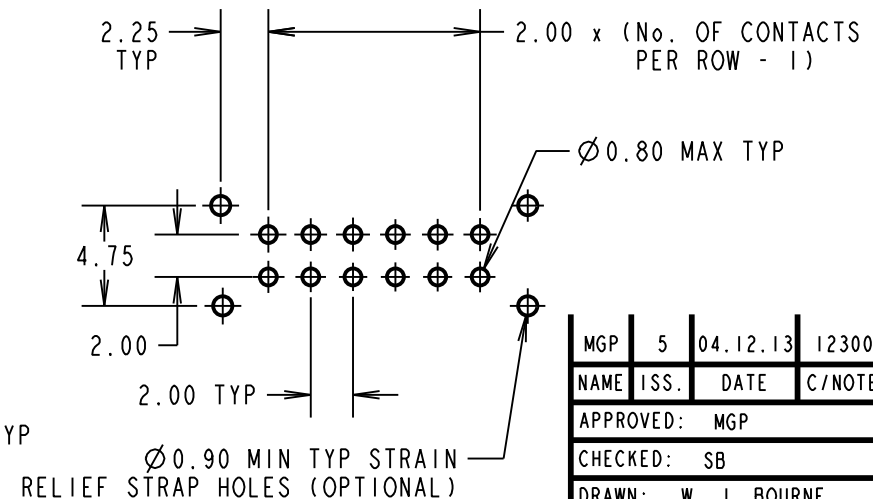
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION
C005XXX (LATEST ISSUE)

SECTION X-X



RECOMMENDED PCB LAYOUT

MGP	5	04.12.13	12300
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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technical@harwin.comTHIS DRAWING AND ANY
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TOLERANCES

X. = ± 1 mmX.X = ± 0.25 mmX.XX = ± 0.10 mmX.XXX = ± 0.01 mmANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

DATAMATE L-TEK
MALE DIL VERTICAL PC TAIL
ASSEMBLY (LATCHED)

DRAWING NUMBER:

M80-824XXXXSHT
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OF
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