

Customer Information Sheet

DRAWING No.: M80-927XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATONS:

MATERIAL:

MOULDING = G-F PPS, UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

LATCHES = BERYLLIUM COPPER

FINISH:

CONTACTS:

22 = 0.75µ GOLD ON CONTACT AREA

3µ 90/10 TIN/LEAD ON TAILS

45 = 0.75µ GOLD

42 = 0.75µ GOLD ON CONTACT AREA

3.0µ 100% TIN ON TAILS

ALL OVER 1.27µ NICKEL

LATCH = 1.25µ 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 mΩ MAX.

(AFTER CONDITIONING) = 25 mΩ MAX.

INSULATION RESISTANCE

(INITIAL) = 1000 MΩ MIN.

(AFTER CONDITIONING) = 100 MΩ MIN.

MECHANICAL:

DURABILITY = 500 OPERATIONS

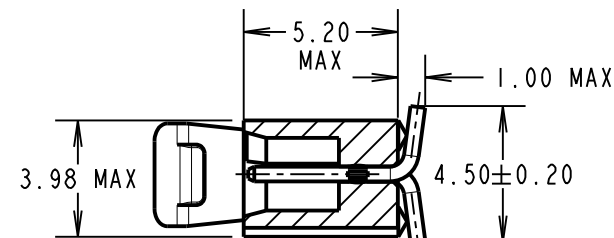
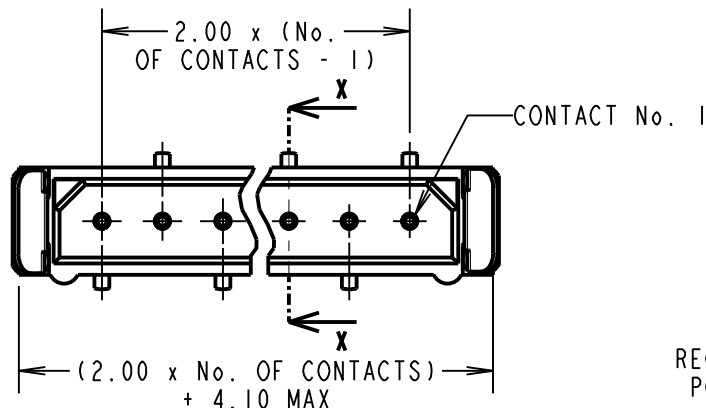
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

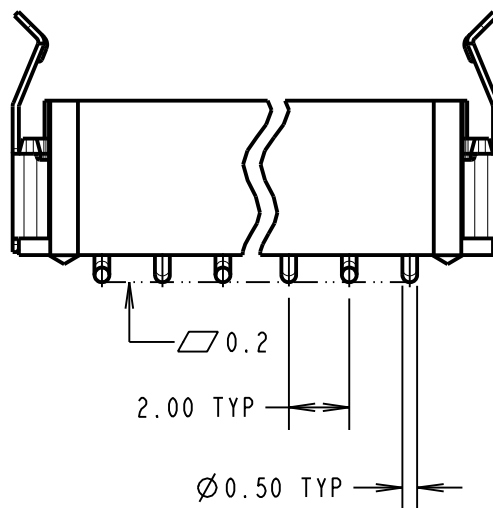
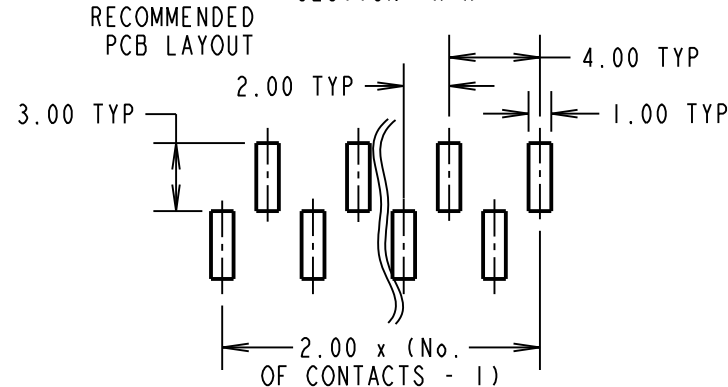
PACKING:

TUBE

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



RECOMMENDED PCB LAYOUT



ORDER CODE:
M80-927XXX
 TOTAL No. OF CONTACTS
 03 - 07, 17, 22
 FINISH:
 22 = SELECTIVE GOLD + TIN/LEAD
 45 = GOLD
 42 = SELECTIVE GOLD + 100% TIN

MGP	3	28.10.13	12232
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SF			
DRAWN: S. MCCULLAGH			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
 X. = ±1mm
 X.X = ±0.25mm
 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 SIL VERTICAL SMT
 ASSEMBLY - FRICTION LATCHED
DRAWING NUMBER:
M80-927XXX
 SHT 2 OF 2