

Customer Information Sheet

DRAWING No.: M80-887XXX

SHEET 2 OF 2

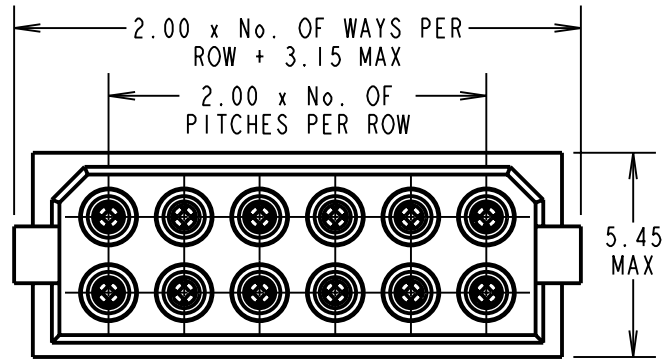
IF IN DOUBT - ASK



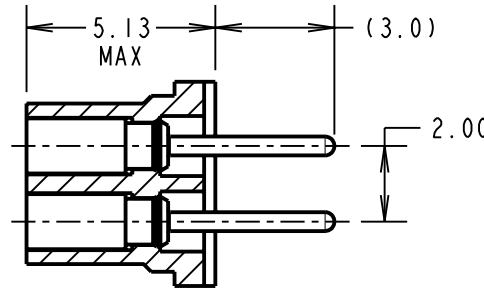
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SECTION X-X



SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYESTER, UL94V-0, BLACK
CONTACT CLIP = BERYLLIUM COPPER
CONTACT SHELL = BRASS

FINISH:

01 = 0.3µ GOLD CLIP, 3.5-5.0µ TIN/LEAD SHELL
42 = 0.3µ GOLD CLIP, 3.5-5.0µ 100% TIN SHELL
45 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
WORKING VOLTAGE = 120V AC/DC
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE = 25 mΩ MAX
INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS
INSERTION FORCE (∅0.5mm GAUGE) = 2.8N MAX
WITHDRAWAL FORCE (∅0.5mm GAUGE) = 0.2N MIN

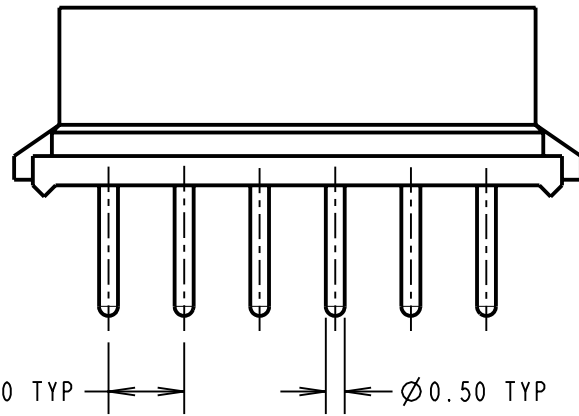
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

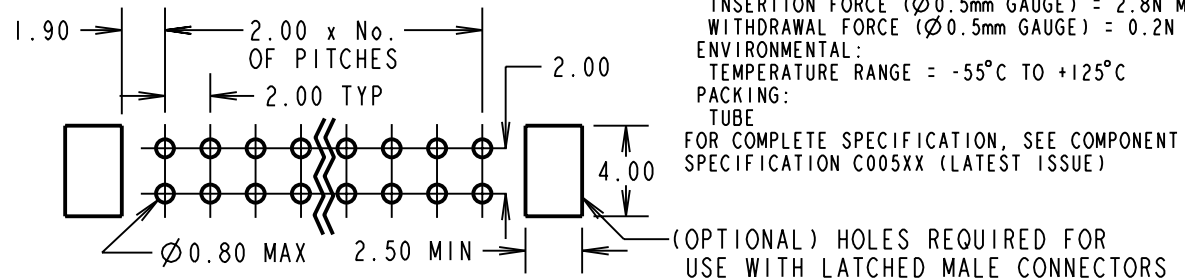
PACKING:

TUBE

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



RECOMMENDED PCB LAYOUT



ORDER CODE:

M80-887XXX

TOTAL No. OF WAYS: _____

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

FINISH _____

01 = GOLD CLIP, TIN/LEAD SHELL
05 = GOLD CLIP, GOLD SHELL
T6 = TIN/LEAD CLIP & SHELL

BRITISH STANDARD

ORDER CODE:

B5741-2XX-F-T-X

TOTAL No. OF WAYS: _____

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

FINISH: _____

0 = GOLD CLIP, TIN/LEAD SHELL
2 = GOLD CLIP, GOLD SHELL

RA	2	01.10.09	10502
NAME	ISS.	DATE	C/NOTE
APPROVED:		R. ADDE	
CHECKED:		M.G. PLESTED	
DRAWN:		JM BROOKES	
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 2mm PITCH
DIL VERTICAL PC TAIL
SOCKET ASSEMBLY

DRAWING NUMBER:
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SHT 2 OF 2