

Customer Information Sheet

DRAWING No.: M80-894XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION

MATERIAL:

MOULDING = GLASS-FILLED POLYESTER, UL94V-0

CLIP = BERYLLIUM COPPER

SHELL = BRASS

FINISH:

CONTACTS:

01 = 0.30µ GOLD CLIP, 4.0µ TIN/LEAD SHELL

05 = 0.30µ GOLD CLIP, 0.28µ 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:

INITIAL = 20mΩ MAX

AFTER CONDITIONING = 25mΩ MAX

INSULATION RESISTANCE:

INITIAL = 1000MΩ MIN

AFTER CONDITIONING = 100MΩ MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 2.8N MAX, 1.0N MIN

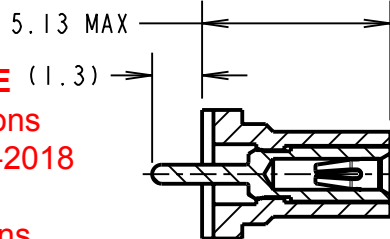
WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

PACKING:

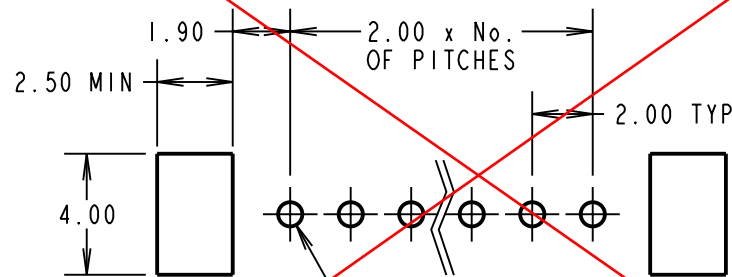
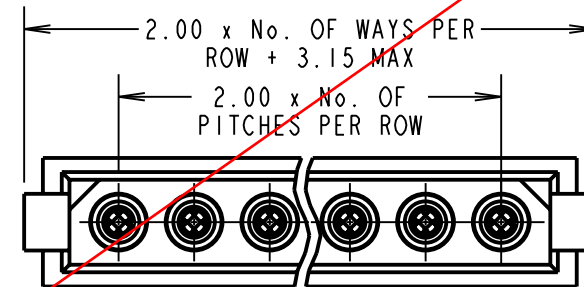
TUBE

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

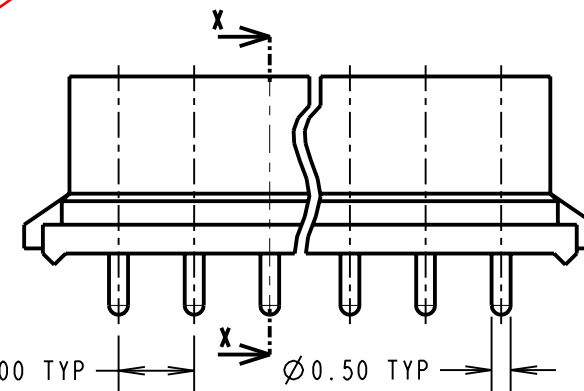
OBSELETE (1.3)
 All M80 versions
 LTB date 09-03-2018
 C/N 20971
 All BS versions
 LTB date 09-03-2018
 C/N 21115



SECTION X-X



RECOMMENDED PCB LAYOUT



BRITISH STANDARD ORDER CODE: SEE NOTE 3
B5741-1XX-F-N-X
 TOTAL No. OF WAYS: 02 TO 07, 17 & 22
 FINISH:
 0 - GOLD CLIP, TIN/LEAD SHELL
 2 - GOLD CLIP, GOLD SHELL

COMMERCIAL ORDER CODE:
M80-894XXXX
 TOTAL No. OF WAYS: 02 TO 07, 17 & 22
 FINISH:
 01 - GOLD CLIP, TIN/LEAD SHELL
 05 - GOLD CLIP, GOLD SHELL

SM	6	12.05.10	10790
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com
 HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk
 HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg

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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 VERTICAL 1.3mm PC TAIL SIL SOCKET ASSEMBLY
 DRAWING NUMBER: **M80-894XXXX**
 SHT 2 OF 2