

# 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

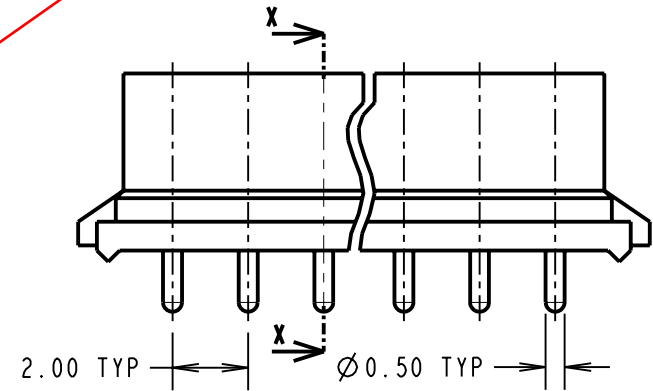
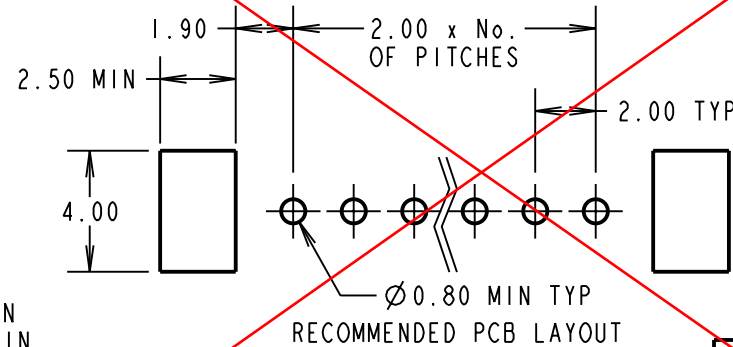
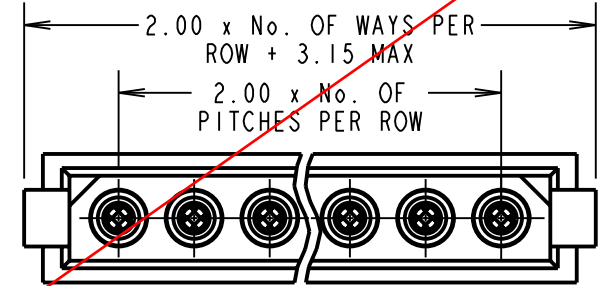
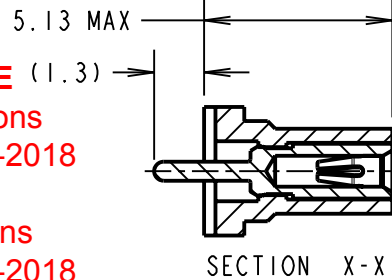
**INSULATION RESISTANCE:**  
 INITIAL = 1000MΩ MIN  
 AFTER CONDITIONING = 100MΩ MIN

**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



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**

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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:** mm<sup>2</sup>

**TITLE:** DATAMATE 2mm PITCH VERTICAL 1.3mm PC TAIL SIL SOCKET ASSEMBLY  
**DRAWING NUMBER:** M80-894XXXX  
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