

# Customer Information Sheet

DRAWING No.: M80-898XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

2.00 x No. OF WAYS PER ROW + 3.15 MAX

2.00 x No. OF PITCHES PER ROW

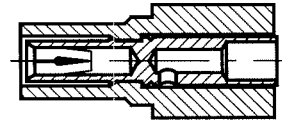
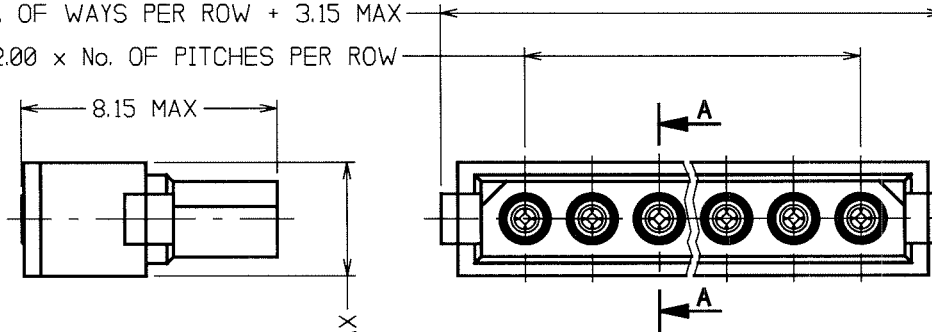
COMMERCIAL  
ORDER CODE:  
**M80-898XXX**  
TOTAL No. OF WAYS  
02 - 07, 17  
FINISH  
01 - GOLD CLIP, TIN SHELL  
05 - GOLD CLIP, GOLD SHELL  
T6 - TIN CLIP, TIN SHELL

BRITISH STANDARD  
ORDER CODE: TO BS9525 F0033  
**B5740-1XX-F-C-X**  
TOTAL No. OF WAYS  
02 - 07, 17  
FINISH  
0 - GOLD CLIP, TIN SHELL  
2 - GOLD CLIP, GOLD SHELL

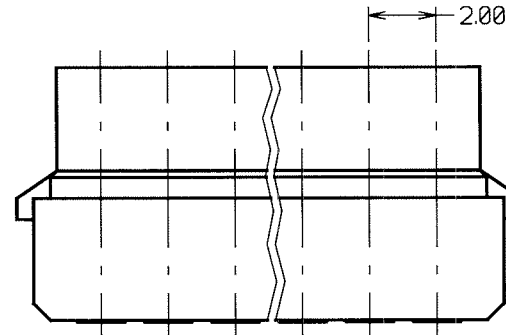
**SPECIFICATIONS:**

**MATERIAL:**  
MOULDING = GLASS-FILLED  
POLYESTER UL94V-0  
CLIP = BERYLLIUM COPPER  
SHELL = BRASS  
**FINISH:**  
**CONTACTS:**  
01 - 0.30µ GOLD CLIP, 4.0µ TIN SHELL  
05 - 0.30µ GOLD CLIP, 0.28µ GOLD SHELL  
T6 - 1.3µ 90/10 TIN/LEAD CLIP,  
4.0µ TIN SHELL  
**MECHANICAL:**  
DURABILITY = 500 OPERATIONS  
INSERTION FORCE = 2.8N MAX, 1.0N MIN  
WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN  
**PACKING:**  
BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)  
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

**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) =  
20 MILLIOHMS MAX  
CONTACT RESISTANCE (AFTER  
CONDITIONING) = 25 MILLIOHMS MAX  
INSULATION RESISTANCE (INITIAL) =  
1000 MEGOHMS MIN  
INSULATION RESISTANCE (AFTER  
CONDITIONING) = 100 MEGOHMS MIN  
**ENVIRONMENTAL:**  
TEMPERATURE RANGE = -55°C TO +125°C



SECTION A-A



**NOTES:**

1. RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
2. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. ALSO AVAILABLE: PNEUMATIC AND ELECTRICAL CRIMP MACHINES.
3. CONTACT INSERTION & EXTRACTION TOOL = Z80-280
4. REFER TO INSTRUCTION SHEET FOR HAND CRIMP TOOL M22520/2-01 FOR COMPLETE CRIMPING INSTRUCTIONS.

JMB	9	11.07.05	8619
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
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  
CRIMP SIL SOCKET ASSEMBLY  
SMALL BORE (24-28 AWG)

DRAWING NUMBER:

**M80-898XXX**

SHT  
2  
OF  
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