

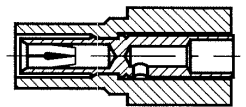
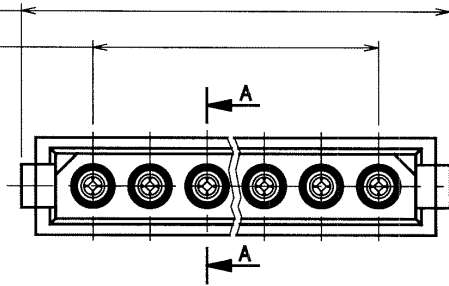
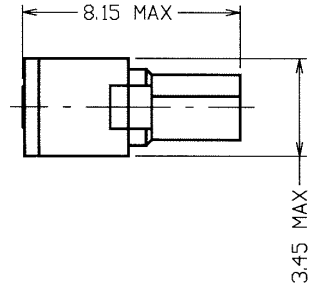
# Customer Information Sheet

DRAWING No.: M80-899XXXX SHEET 2 OF 2 IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

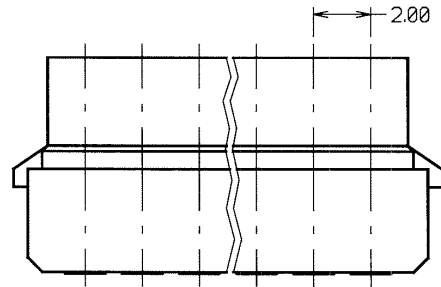
2.00 x No. OF WAYS PER ROW + 3.15 MAX  
2.00 x No. OF PITCHES PER ROW

COMMERCIAL ORDER CODE:  
**M80-899XXXX**  
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-D-X**  
TOTAL No. OF WAYS  
02 - 07, 17  
FINISH  
0 - GOLD CLIP, TIN SHELL  
2 - GOLD CLIP, GOLD SHELL



SECTION A-A



**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 - 30A 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

**NOTES:**

1. RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 22 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	10	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: mm²

TITLE: DATAMATE 2mm PITCH CRIMP SIL SOCKET ASSEMBLY LARGE BORE (22 AWG)  
DRAWING NUMBER: **M80-899XXXX**  
SHT 2 OF 2