

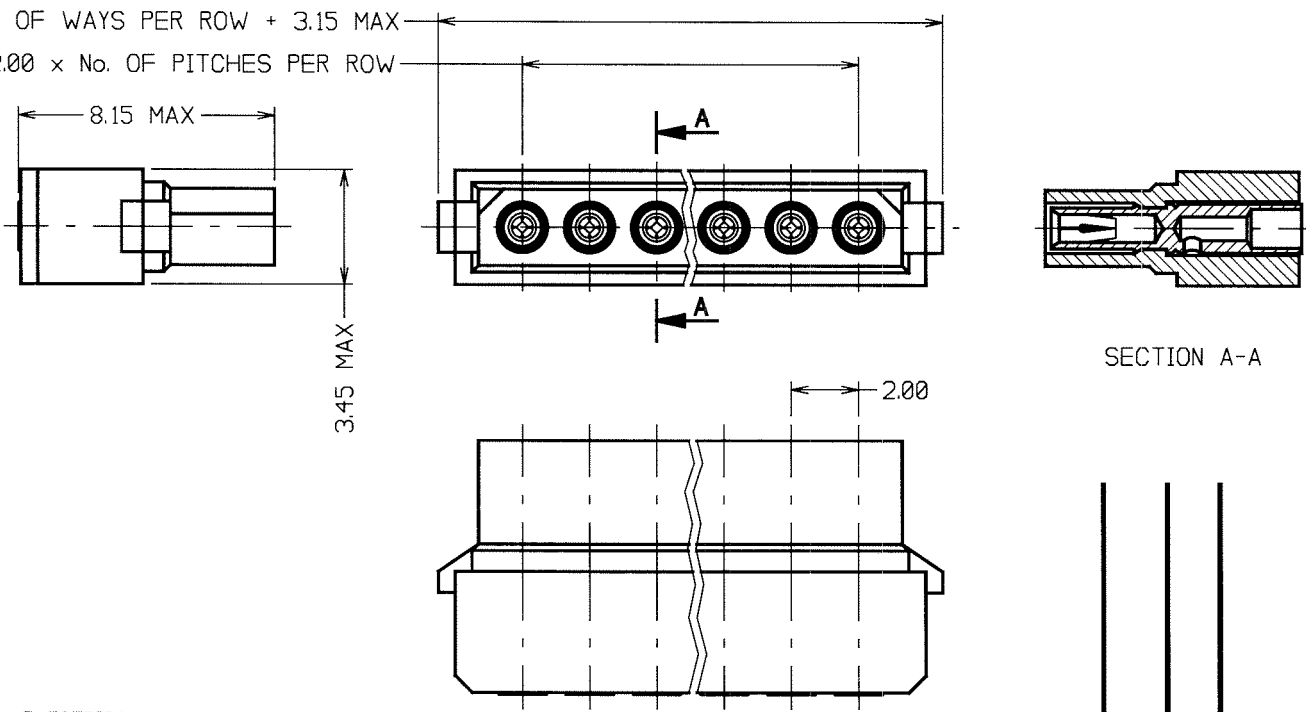
Customer Information Sheet

DRAWING No: M80-899XXXX 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:
M80-899XXXX
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



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

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.:			



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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