

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Harwin Inc.](#)
[M80-8980205](#)

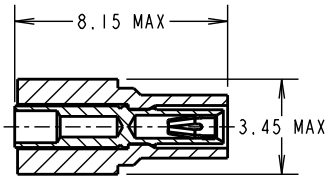
For any questions, you can email us directly:
sales@integrated-circuit.com

Customer Information Sheet

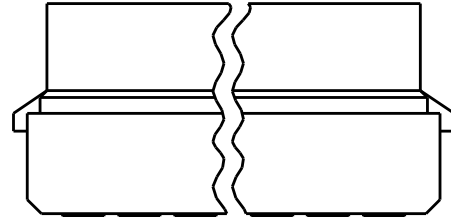
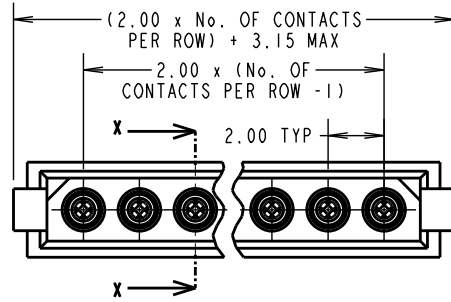
DRAWING No.: M80-898XXXX IF IN DOUBT - ASK (C) NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm

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

ORDER CODE: **M80-898XXXX**
 TOTAL No. OF CONTACTS: _____
 02 - 07 & 17
 FINISH: _____
 01 = GOLD CLIP, TIN SHELL
 05 = GOLD CLIP, GOLD SHELL



SECTION X-X



SPECIFICATIONS:
 MATERIAL:
 MOULDING = GLASS-FILLED POLYESTER UL94V-0, BLACK
 CLIP = BERYLLIUM COPPER
 SHELL = COPPER ALLOY
 FINISH:
 01 = 0.30µm GOLD CLIP, 4.0µm 100% TIN OVER NICKEL SHELL
 05 = 0.30µm GOLD CLIP, 0.28µm GOLD SHELL
 ELECTRICAL:
 CURRENT RATING AT 25°C = 3.0A MAX
 CURRENT RATING AT 85°C = 2.2A MAX
 WORKING VOLTAGE = 800V AC/DC
 VOLTAGE PROOF = 1200V AC/DC
 CONTACT RESISTANCE:
 INITIAL: 20mΩ MAX
 AFTER CONDITIONING: 25mΩ MAX
 INSULATION RESISTANCE:
 INITIAL = 1000MΩ MIN
 AFTER CONDITIONING = 100MΩ MIN

MECHANICAL:
 DURABILITY = 500 OPERATIONS
 ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C
 PACKING = BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

- NOTES:
- RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED, 24 - 28 AWG. MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00mm.
 - RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. SEE TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INFORMATION.
 - CONTACT INSERTION & EXTRACTION TOOL = Z80-280. REFER TO INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

MSP	12	29.10.14	12649
NAME	ISS.	DATE	C/NOTE
APPROVED:		M. PERREN	
CHECKED:		S. BENNETT	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

www.harwin.com
 technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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 CRIMP SIL SOCKET ASSEMBLY SMALL BORE (24 - 28AWG)
 DRAWING NUMBER: **M80-898XXXX**
 SHT 2 OF 2