

Customer Information Sheet

DRAWING No.: M80-898XXXX

IF IN DOUBT - ASK

©

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

SPECIFICATIONS:

MATERIAL:

MOULDING = GLASS-FILLED POLYESTER UL94V-0, BLACK

CLIP = BERYLLIUM COPPER

SHELL = COPPER ALLOY

FINISH:

01 = 0.30µ GOLD CLIP, 4.0µ 100% TIN OVER NICKEL 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 = 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:

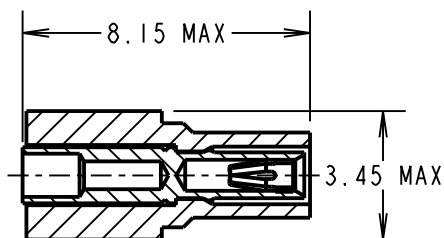
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

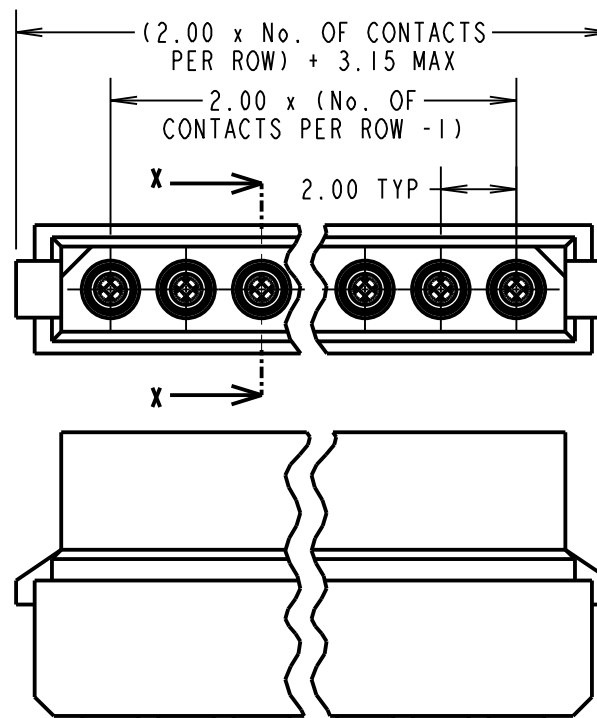
TEMPERATURE RANGE = -55°C TO +125°C

PACKING = BAG (CONTACTS AND MOULDINGS
UN-ASSEMBLED)

FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



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. SEE TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INFORMATION.
3. 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:			

HARWIN

www.harwin.com
technical@harwin.com

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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 CRIMP
SIL SOCKET ASSEMBLY
SMALL BORE (24 - 28AWG)

DRAWING NUMBER:

M80-898XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-8980605](#) [M80-8980405](#) [M80-8980505](#) [M80-8980705](#) [M80-8980205](#) [B5740-102-F-C-2](#) [B5740-106-F-C-2](#)
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