

Customer Information Sheet

DRAWING No.: M80-798XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATION:

MATERIAL:

MOULDING = GLASS-FILLED POLYAMIDE 46 UL94V-0, BLACK

CLIP = BERYLLIUM COPPER

SHELL = BRASS

FINISH (ALL OVER NICKEL):

CONTACTS:

01 = 0.30µ GOLD CLIP, 4.0µ 100% TIN 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

INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

ENVIRONMENTAL:

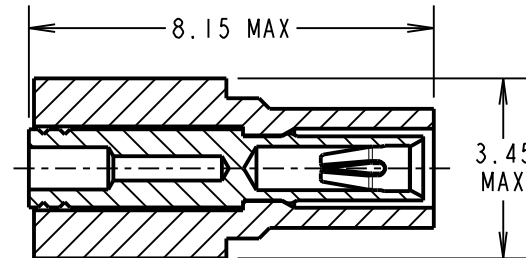
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

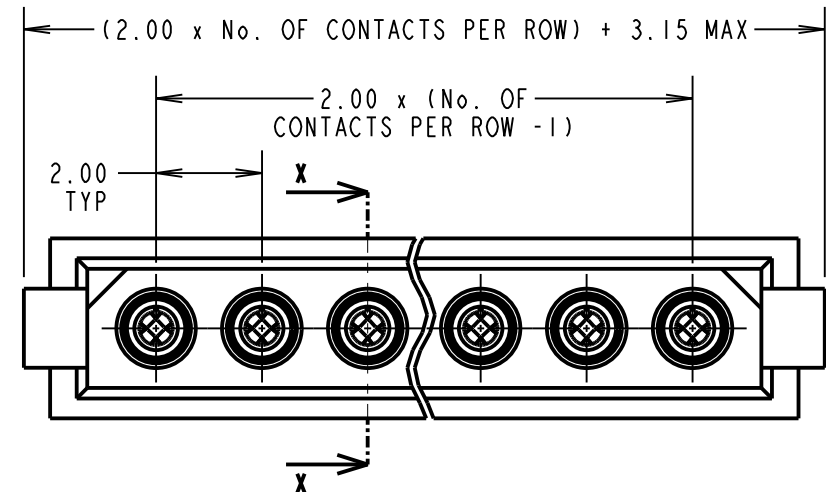
BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)

FOR COMPLETE SPECIFICATION, SEE COMPONENT

SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



NOTES:

1. RECOMMENDED WIRE TYPE = PTFE INSULATED, 28 - 32 AWG BS3G210 TYPE A OR MIL-W-16878 TYPE ET WIRE.

MAX INSULATION DIAMETER = Ø0.75mm, STRIP WIRE BY 2.00mm.

2. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO M22520/2-01 INSTRUCTION SHEET FOR COMPLETE CRIMPING INSTRUCTIONS.
3. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
4. FOR EXTRA CONTACTS, USE ORDER CODE:
M80-0190001 FOR M80-798XX01 & M80-0190005 FOR M80-798XX05.

ORDER CODE:

M80-798XXX

TOTAL No. OF CONTACTS:
02 - 07 & 17

FINISH:

01 = GOLD CLIP, TIN SHELL

05 = GOLD CLIP, GOLD SHELL

MSP	4	29.10.14	12649
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		S.BENNETT	
DRAWN:		S. MCCULLAGH	
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 CRIMP SIL
SOCKET ASSEMBLY
EXTRA SMALL BORE (28 - 32AWG)

DRAWING NUMBER:

M80-798XXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-7980205](#) [M80-7980305](#) [M80-7980405](#) [M80-7980505](#) [M80-7980605](#) [M80-7980705](#) [M80-7981705](#) [M80-7980201](#) [M80-7980701](#) [M80-7980401](#) [M80-7980501](#) [M80-7980601](#) [M80-7981701](#) [M80-7980301](#)