



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Customer Information Sheet

DRAWING No.: M80-798XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK

©

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

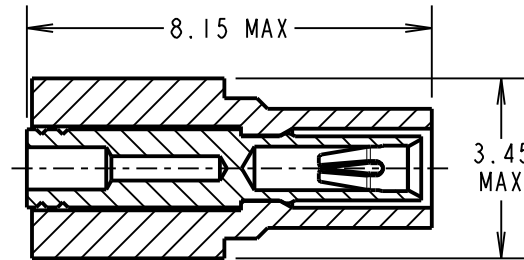
MECHANICAL:
 DURABILITY = 500 OPERATIONS
 INSERTION FORCE = 2.8N MAX, 1.0N MIN
 WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

ENVIRONMENTAL:
 TEMPERATURE RANGE = -55°C TO +125°C

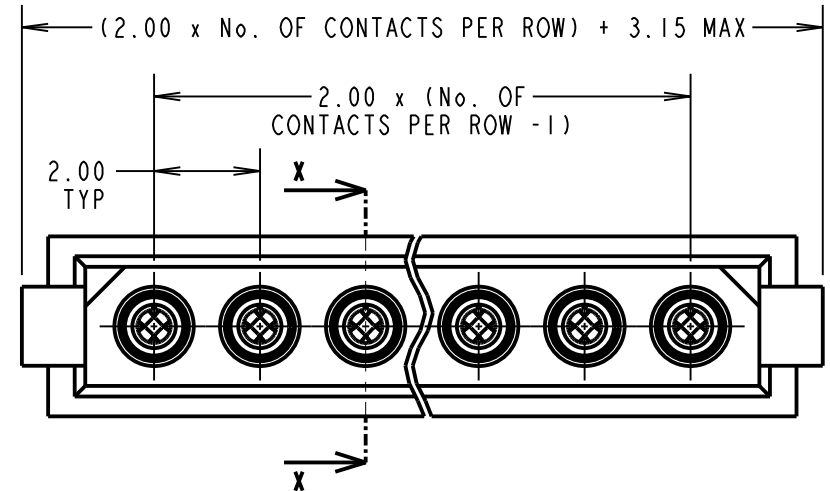
PACKING:
 BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)
 FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE)

NOTES:

- RECOMMENDED WIRE TYPE = PTFE INSULATED, 28 - 32 AWG BS3G210 TYPE A OR MIL-W-16878 TYPE ET WIRE.
 MAX INSULATION DIAMETER = $\varnothing 0.75\text{mm}$, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO M22520/2-01 INSTRUCTION SHEET FOR COMPLETE CRIMPING INSTRUCTIONS.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
- FOR EXTRA CONTACTS, USE ORDER CODE:
 M80-0190001 FOR M80-798XX01 & M80-0190005 FOR M80-798XX05.



SECTION X-X



ORDER CODE:

M80-798XXXX

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. = $\pm 1\text{mm}$
 X.X = $\pm 0.25\text{mm}$
 X.XX = $\pm 0.10\text{mm}$
 X.XXX = $\pm 0.01\text{mm}$
ANGLES = $\pm 5^\circ$
 UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE: DATAMATE CRIMP SIL SOCKET ASSEMBLY EXTRA SMALL BORE (28 - 32AWG)

DRAWING NUMBER:

M80-798XXXX

SHT
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