

Customer Information Sheet

DRAWING No.: M80-611XXXX

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIAL:

MOULDING = HIGH TEMP. POLYAMIDE 46,
UL94V-0, BLACK

CLIP = BERYLLIUM COPPER

SHELL = COPPER ALLOY

FINISH:

42 = 0.30µ GOLD CLIP, 4.0µ 100% TIN
OVER NICKEL SHELL

45 = 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 = 25mΩ MAX

AFTER CONDITIONING = 20mΩ MAX

INSULATION RESISTANCE:

INITIAL = 1000MΩ MIN

AFTER CONDITIONING = 100MΩ MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

MECHANICAL:

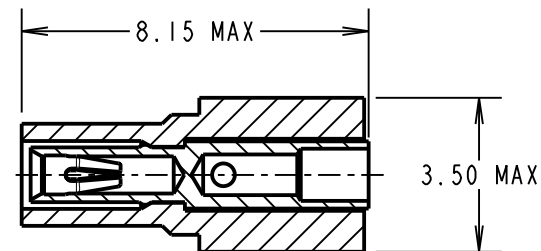
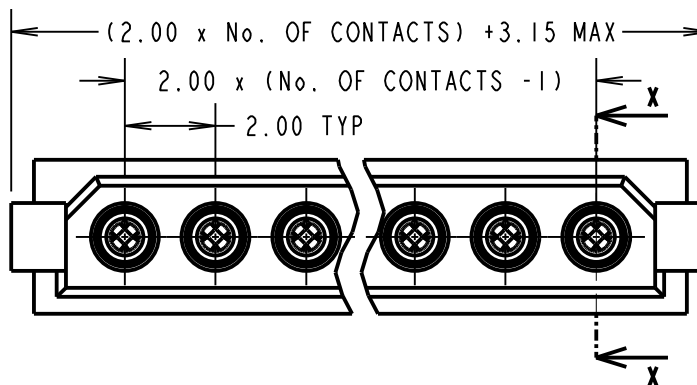
DURABILITY = 500 OPERATIONS

INSERTION FORCE = 2N MAX

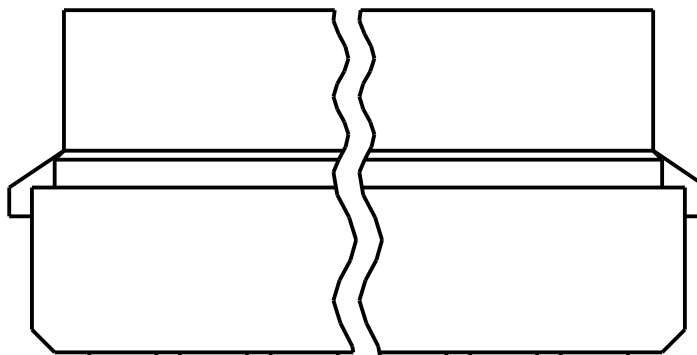
WITHDRAWAL FORCE = 0.2N MIN

PACKING:

BAGS (CONNECTOR SUPPLIED UN-ASSEMBLED)
FOR COMPLETE SPECIFICATION, SEE COMPONENT
SPECIFICATION C005XX (LATEST ISSUE)



SECTION X-X



ORDER CODE:

M80-611XXXX

TOTAL No. OF WAYS _____

02 - 07, 17

FINISH: _____

42 - GOLD CLIP, 100% TIN SHELL

45 - GOLD CLIP, GOLD SHELL

NOTES:

1. FOR EXTRA CONTACTS, USE PART NUMBER M80-0110005 FOR M80-611XX45 AND M80-0110001 FOR M80-611XX42.
2. RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 22 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
3. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
4. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

MSP	5	16.06.15	12810
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		W. J. BOURNE	
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = ±1mm
X.X = ±0.50mm
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
LARGE BORE (22AWG)

DRAWING NUMBER:

M80-611XXXX

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-6110245](#) [M80-6110442](#) [M80-6110445](#) [M80-6110345](#) [M80-6111745](#) [M80-6110545](#) [M80-6110645](#) [M80-6110745](#)