

Customer Information Sheet

DRAWING No.: M80-788XXX

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 = 0.30 μ GOLD CLIP, 4.0 μ 100% TIN SHELL05 = 0.30 μ GOLD CLIP, 0.28 μ GOLD SHELL**ELECTRICAL:**

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE:INITIAL = 20m Ω MAXAFTER CONDITIONING = 25m Ω MAX**INSULATION RESISTANCE:**INITIAL = 1000M Ω MINAFTER CONDITIONING = 100M Ω MIN**MECHANICAL:**

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

ENVIRONMENTAL:

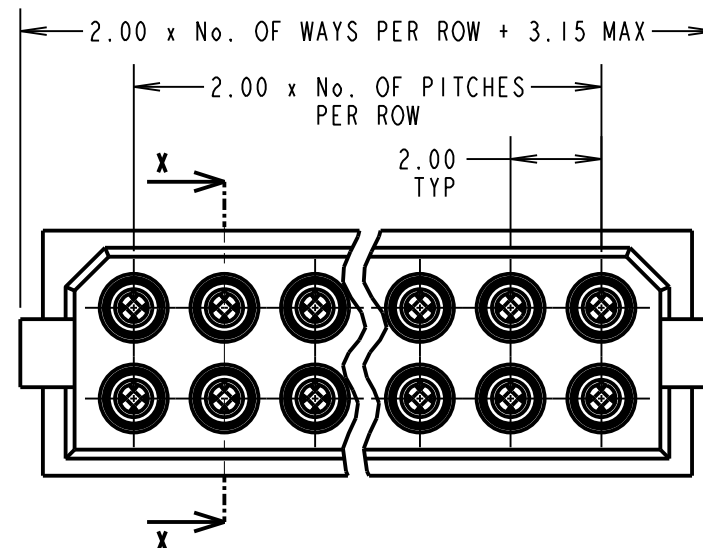
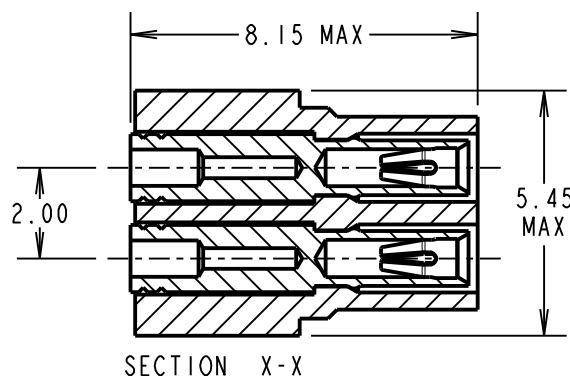
TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

BAG (CONTACTS AND MOULDINGS UN-ASSEMBLED)

FOR COMPLETE SPECIFICATION, SEE COMPONENT

SPECIFICATION C005XX (LATEST ISSUE)

**NOTES:**

1. RECOMMENDED WIRE TYPE = PTFE INSULATED, 28 - 32 AWG BS3G210 TYPE A OR MIL-W-16878 TYPE ET WIRE.
MAX INSULATION DIAMETER = $\varnothing$ 0.75mm, 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 M80-788XX01 & M80-0190005 FOR M80-788XX05

ORDER CODE:

M80-788XXX

TOTAL No. OF WAYS:

04 - 20, 26, 34

(EVEN No.S ONLY)

FINISH:

01 - GOLD CLIP, TIN SHELL

05 - GOLD CLIP, GOLD SHELL

SB	3	27.01.12	11637
NAME	ISS.	DATE	C/NOTE
APPROVED: S.BENNETT			
CHECKED: S.FLOWER			
DRAWN: S. MCCULLAGH			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCESX. = $\pm$ 1mm
X.X = $\pm$ 0.25mm
X.XX = $\pm$ 0.10mm
X.XXX = $\pm$ 0.01mmANGLES = $\pm$ 5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²**TITLE:**DATAMATE L-TEK
DIL SOCKET CRIMP ASSY
EXTRA SMALL BORE (28 - 32AWG)

DRAWING NUMBER:

M80-788XXXSHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-8080205](#) [M80-7880405](#) [M80-7880605](#) [M80-7880805](#) [M80-7881005](#) [M80-7881205](#) [M80-7881405](#) [M80-7881605](#) [M80-7881805](#) [M80-7882005](#) [M80-7882605](#) [M80-7883405](#) [M80-7881001](#) [M80-7882601](#) [M80-7881601](#) [M80-7880801](#) [M80-7881201](#) [M80-7881801](#) [M80-7882001](#) [M80-7880401](#) [M80-7881401](#) [M80-7880601](#) [M80-7883401](#) [M80-8671405](#) [M80-7920322](#) [M80-8671005](#) [M80-7712022](#) [M80-7920222](#)