

# 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 $\mu$  GOLD CLIP, 4.0 $\mu$  100% TIN SHELL05 = 0.30 $\mu$  GOLD CLIP, 0.28 $\mu$  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 $\Omega$  MAXAFTER CONDITIONING = 25m $\Omega$  MAX**INSULATION RESISTANCE:**INITIAL = 1000M $\Omega$  MINAFTER CONDITIONING = 100M $\Omega$  MIN**MECHANICAL:**

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

**ENVIRONMENTAL:**

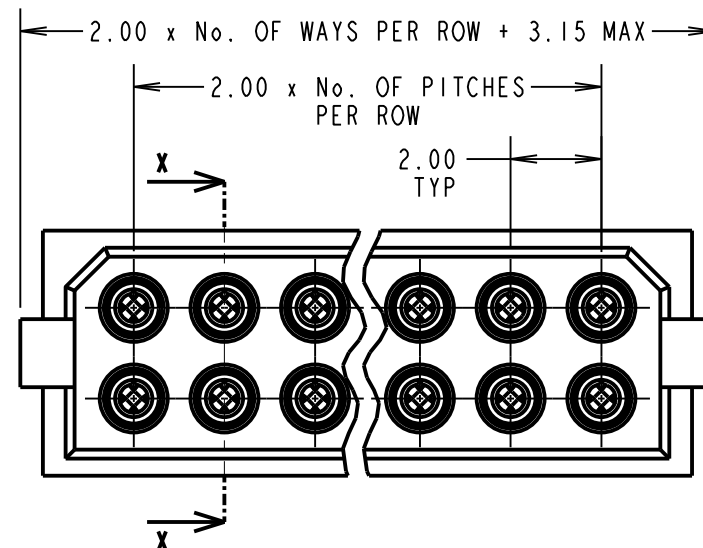
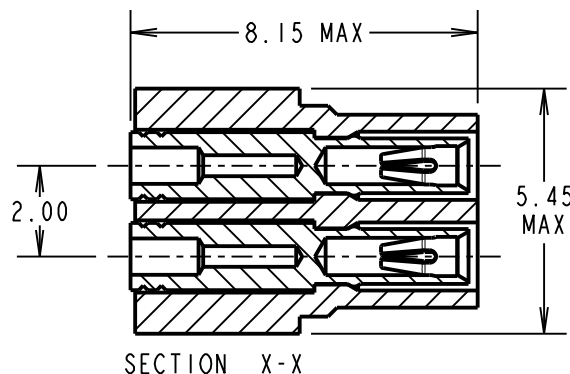
TEMPERATURE RANGE = -55°C TO +125°C

**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:			

**HARWIN**www.harwin.com  
technical@harwin.com

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**TOLERANCES**X. =  $\pm$ 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: mm<sup>2</sup>**TITLE:**DATAMATE L-TEK  
DIL SOCKET CRIMP ASSY  
EXTRA SMALL BORE (28 - 32AWG)

DRAWING NUMBER:

**M80-788XXX**SHT  
2  
OF  
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