

# Customer Information Sheet

DRAWING No.: M80-788XXX

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 = 120V AC/DC  
 VOLTAGE PROOF = 360V AC/DC  
**CONTACT RESISTANCE:**  
 INITIAL = 20mΩ MAX  
 AFTER CONDITIONING = 25mΩ MAX  
**INSULATION RESISTANCE:**  
 INITIAL = 1000MΩ MIN  
 AFTER CONDITIONING = 100MΩ MIN

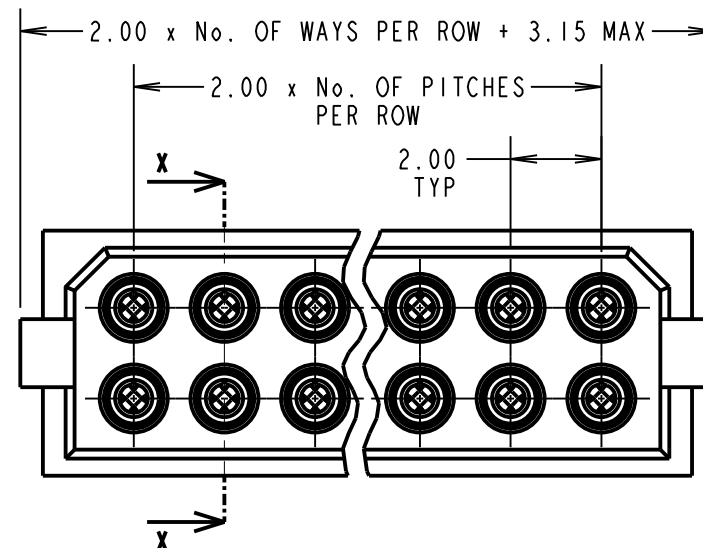
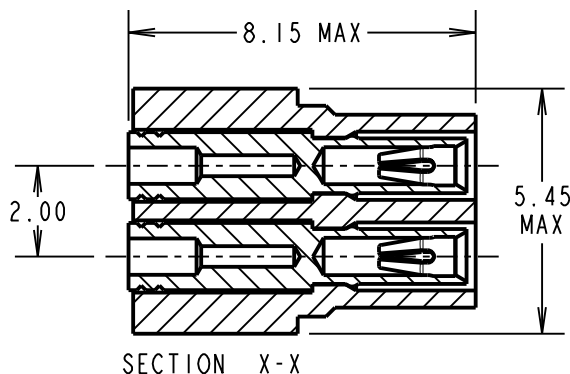
**MECHANICAL:**  
 DURABILITY = 500 OPERATIONS  
 INSERTION FORCE = 2.8N MAX, 1.0N MIN  
 WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

**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 = Ø0.75mm, 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 M80-788XX01 & 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**

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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:** mm<sup>2</sup>

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

**DRAWING NUMBER:**  
**M80-788XXX**

SHT  
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