

Customer Information Sheet

DRAWING No.: M80-844XXXX

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:

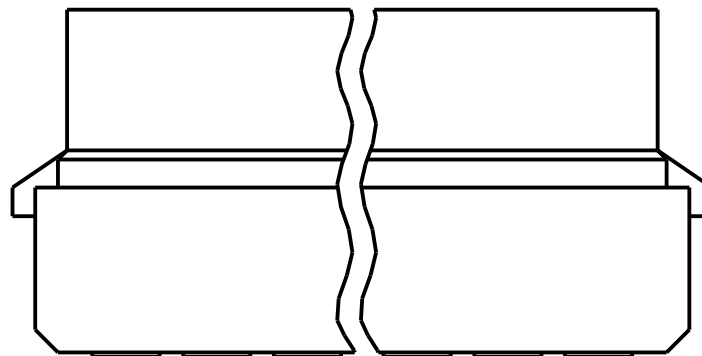
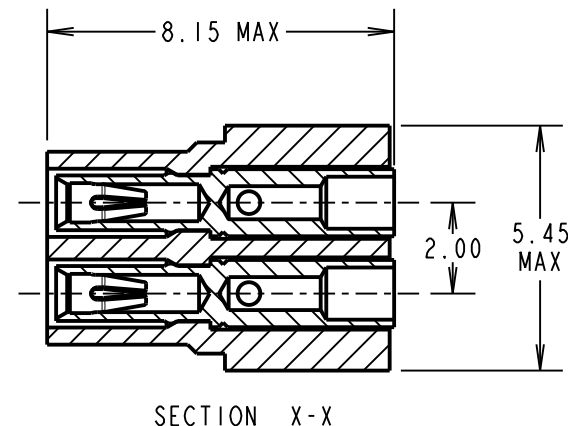
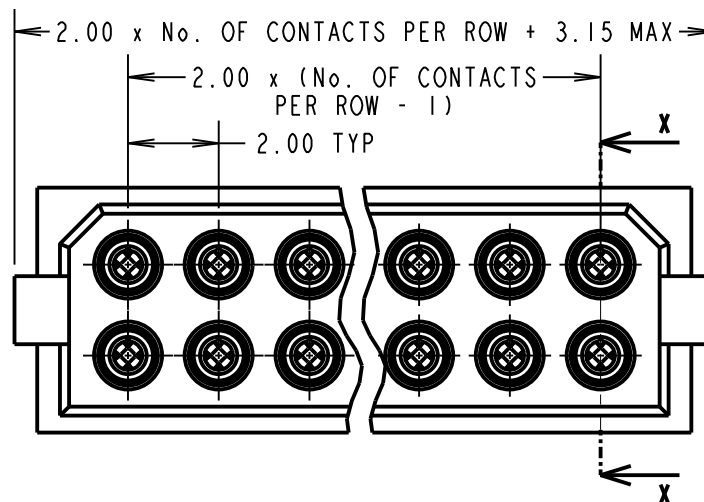
DURABILITY = 500 OPERATIONS

INSERTION FORCE = 2.8N MAX, 1.0N MIN

WITHDRAWAL FORCE = 1.8N MAX, 0.2N MIN

PACKING:

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



ORDER CODE:

M80-844XXXX

TOTAL No. OF WAYS

04 - 20, 26, 34 (EVEN NUMBERS ONLY)

FINISH:

42 - GOLD CLIP, 100% TIN SHELL

45 - GOLD CLIP, GOLD SHELL

NOTES:

1. RECOMMENDED WIRE TYPE = BS3G210 TYPE A, PTFE INSULATED 24 - 28AWG. MAX INSULATION DIAMETER = $\varnothing 1.10\text{mm}$. STRIP WIRE BY 2.00mm.
2. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. SEE TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
3. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

SF	6	09.07.14	12526
NAME	ISS.	DATE	C/NOTE
APPROVED: S.FLOWER			
CHECKED: M.PLESTED			
DRAWN: I. SANDY			
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
DIL SOCKET ASSEMBLY
SMALL BORE (24 - 28 AWG)

DRAWING NUMBER:

M80-844XXXX

SHT
2 OF 2