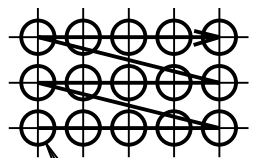
Customer Information Sheet

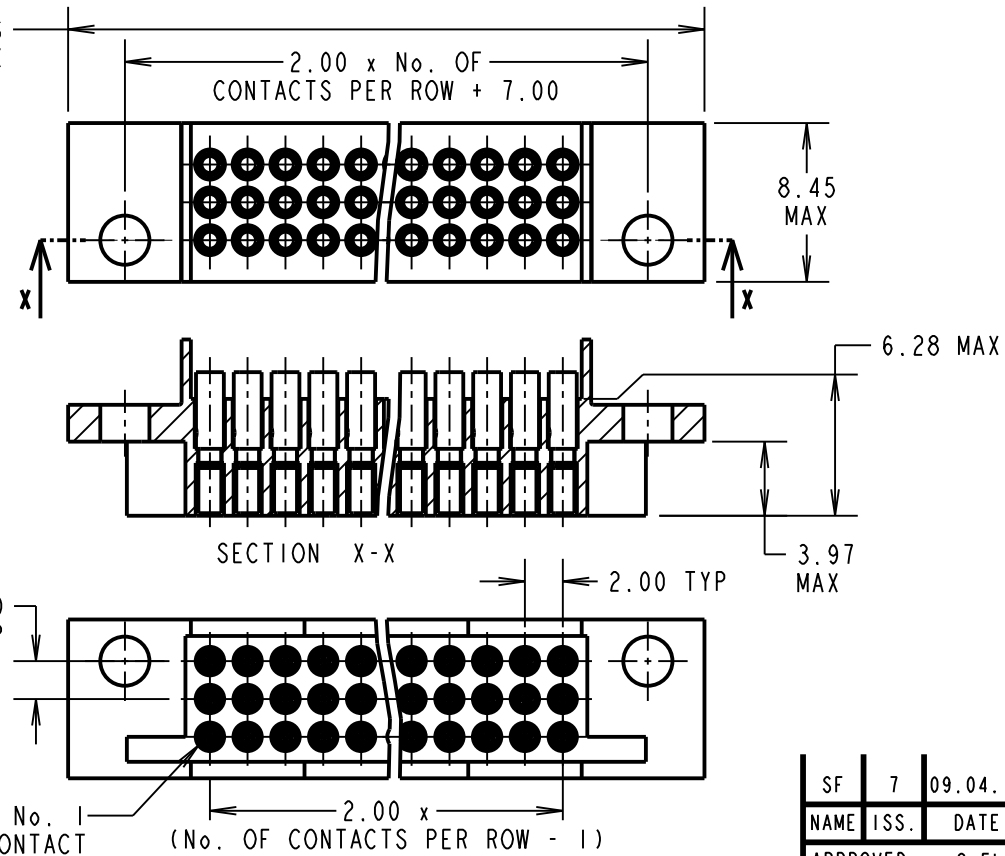
DRAWING No.: M80-709XXXX	SHEET 2 OF 2	IF IN DOUBT - ASK	©	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm

ORDER CODE:

M80-709XXXX

TOTAL No. OF CONTACTS
27, 36, 45, 51, 63
FINISH:
01 = SELECTIVE GOLD
05 = GOLD
POTTING WALLS:
BLANK = POTTING WALLS
A = REMOVE POTTING WALLS





SPECIFICATION:
MATERIALS:
MOULDING = POLYAMIDE 46 UL94V-0
CLIP = BERYLLIUM COPPER
BODY = COPPER ALLOY
FINISH:
01 = 0.3µ GOLD CLIP, 3.5-5.0µ 100% TIN OVER NICKEL SHELL
05 = 0.3µ GOLD CLIP AND SHELL
ELECTRICAL:
CURRENT RATING AT 25°C = 3.0A MAX
CURRENT RATING AT 85°C = 2.2A MAX
VOLTAGE PROOF = 360V AC/DC
CONTACT RESISTANCE (INITIAL) = 20mΩ MAX
CONTACT RESISTANCE (AFTER CONDITIONING) = 25mΩ MAX
INSULATION RESISTANCE (INITIAL) = 1000MΩ MIN
INSULATION RESISTANCE (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:
TRAYS
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C017XX (LATEST ISSUE)

NOTES:
1. FROM No. 1 POSITION, CONTACTS NUMBERED IN SEQUENCE FROM RIGHT TO LEFT AND FROM BOTTOM ROW TO TOP ROW (LOOKING ON MATING FACE).
2. CONNECTOR SUPPLIED UN-ASSEMBLED.
3. RECOMMENDED WIRE TYPE = BS 3G 210 PTFE INSULATED, 22AWG. MAX INSULATION DIAMETER = Ø1.10mm. STRIP WIRE BY 2.00mm.
4. RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747. REFER TO TOOLING INSTRUCTION SHEET IS-01 FOR COMPLETE CRIMPING INSTRUCTIONS.
5. CONTACT INSERTION AND EXTRACTION TOOL = Z80-280. REFER TO TOOLING INSTRUCTION SHEET IS-25 FOR ASSEMBLY INSTRUCTIONS.

SF	7	09.04.13	12000
NAME	ISS.	DATE	C/NOTE

APPROVED: S.FLOWER
CHECKED: M.G.PLESTED
DRAWN: W. J. BOURNE
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: mm²

TITLE: 3-ROW DATAMATE FEMALE CRIMP SOCKET ASSY 22 AWG (LARGE BORE)

DRAWING NUMBER: **M80-709XXXX**

SHT 2 OF 2