

Customer Information Sheet

DRAWING No.: M80-PF5

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

SPECIFICATIONS:

MATERIALS:

BODY = COPPER ALLOY

LATCHING COLLAR = BERYLLIUM COPPER

FINISH:

BODY = 0.76μ MIN GOLD OVER NICKEL

LATCHING COLLAR = NICKEL

ELECTRICAL:

CONTACT RESISTANCE = $6m\Omega$ MAX

CURRENT RATING = 40A (CABLE DEPENDENT)

MECHANICAL:

DURABILITY = 500 OPERATIONS

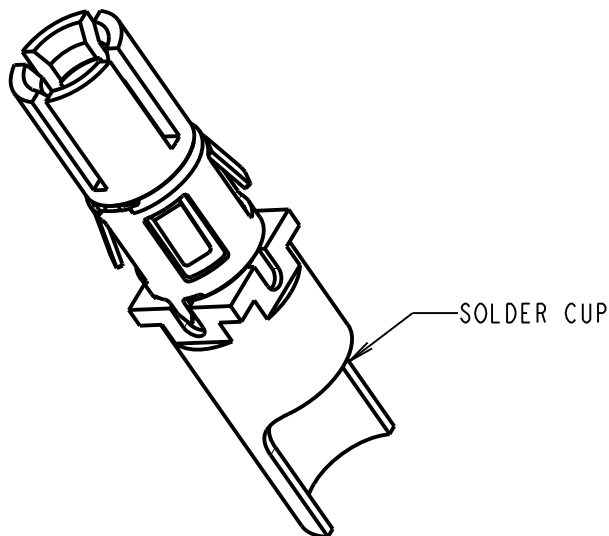
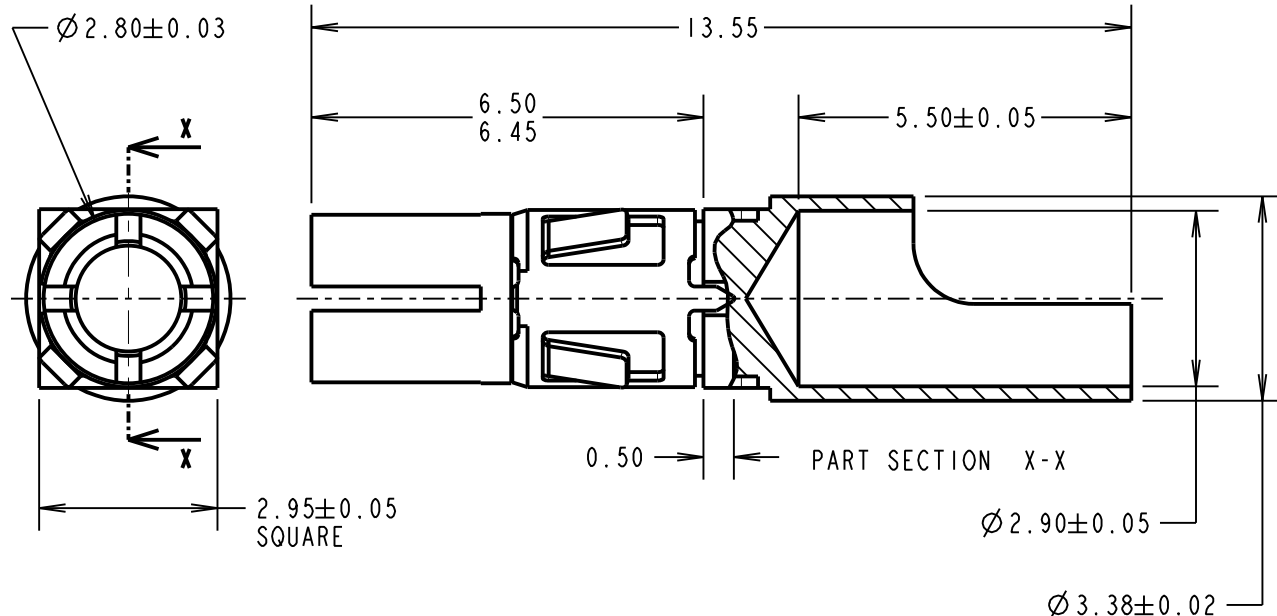
INSERTION FORCE = 15N MAX

WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+150^{\circ}\text{C}$



SOLDER CUP

NOTES:

1. STRIP WIRE BY 5.0mm.
2. CONTACT EXTRACTION TOOL = Z80-290.
3. FOR ALL OTHER ELECTRICAL/MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).
4. MAX WIRE CONDUCTOR SIZE = $\varnothing 2.9\text{mm}$ / 10 AWG (37/0.26).
MAX WIRE INSULATION DIAMETER 3.8mm.

MSP	2	21.06.17	20598
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: S.BENNETT			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = $\pm 1\text{mm}$
X.X = $\pm 0.50\text{mm}$
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 MIX-TEK
HIGH POWER CONTACT
FEMALE STRAIGHT SOLDER

DRAWING NUMBER:

M80-PF5

SHT
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