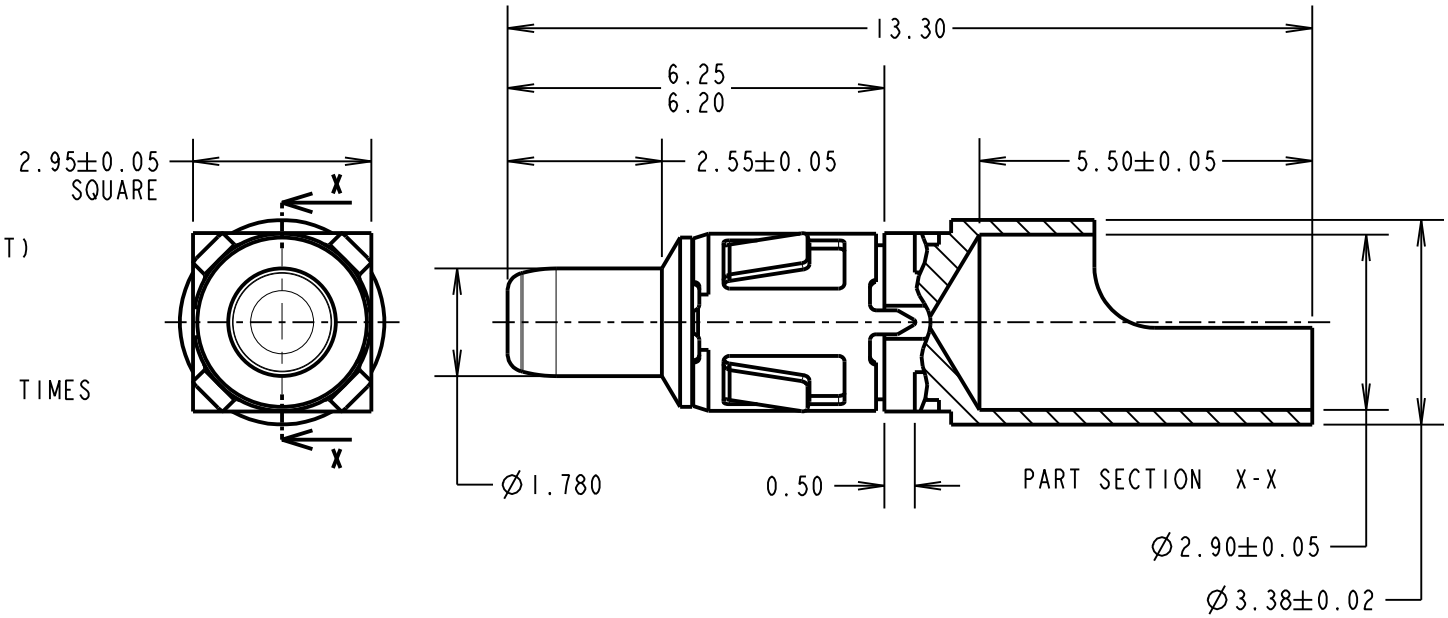
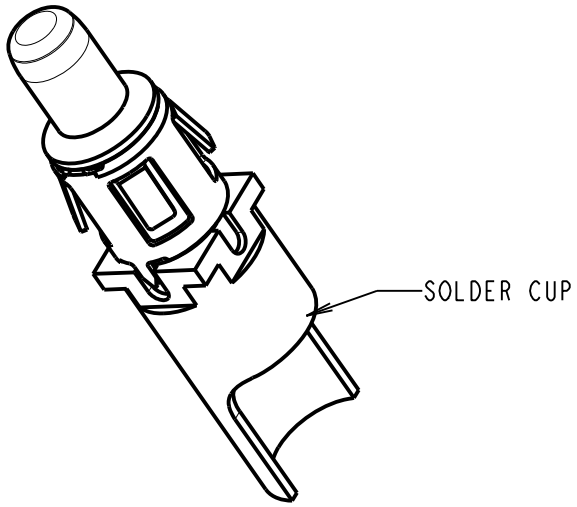
Customer Information Sheet

DRAWING No.: M80-PM5	IF IN DOUBT - ASK	©	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 = 6mΩ 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°C





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 = Ø2.9mm / 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:	

HARWIN

www.harwin.com

technical@harwin.com

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TOLERANCES
X. = ±1mm
X.X = ±0.50mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL: SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²

TITLE: DATAMATE MIX-TEK HIGH POWER CONTACT MALE STRAIGHT SOLDER

DRAWING NUMBER: M80-PM5

SHT 2 OF 2