

Customer Information Sheet

DRAWING No.: M80-335

SHEET 2 OF 2

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 = GOLD

LATCHING COLLAR = NICKEL

ELECTRICAL:

CONTACT RESISTANCE = $6m\Omega$ MAX

CURRENT RATING = 20A (CABLE DEPENDENT)

MECHANICAL:

DURABILITY = 500 OPERATIONS

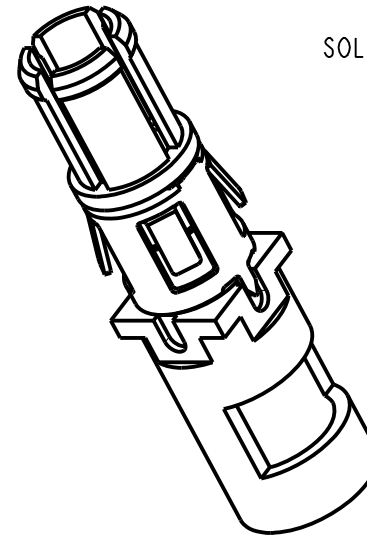
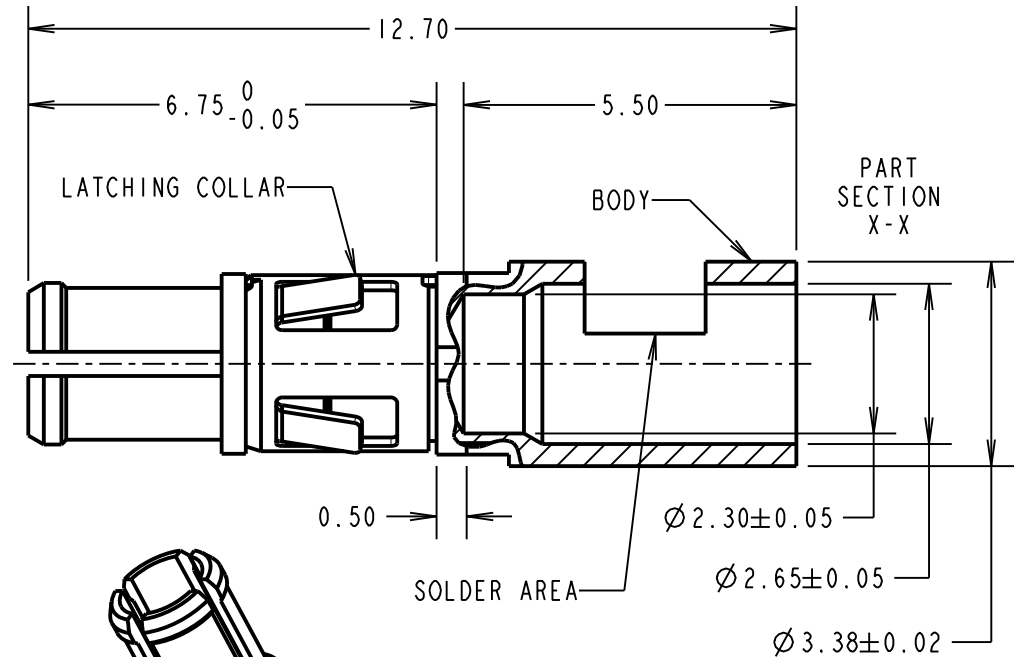
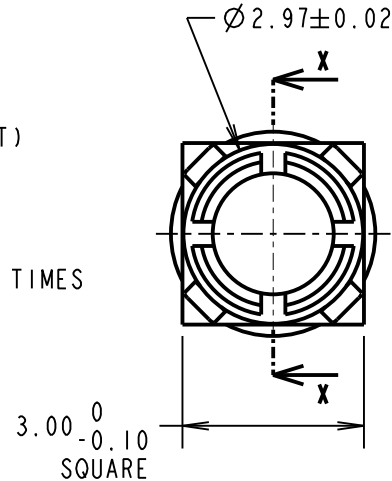
INSERTION FORCE = 8N MAX

WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C



NOTES:

1. CONNECTOR COMES SUPPLIED ASSEMBLED.
2. STRIP WIRE BY 5.00mm MINIMUM.
3. CONTACT EXTRACTION TOOL = Z80-290
4. FOR ALL OTHER ELECTRICAL/MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).
5. MAX CABLE SIZE = $\varnothing 2.25$ / 12 AWG (37/0.32 OR 19/0.45)

MGP	6	04.01.13	11898
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES

X. = ± 1 mm
X.X = ± 0.25 mm
X.XX = ± 0.10 mm
X.XXX = ± 0.01 mm

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

DATAMATE MIX-TEK
POWER CONTACT
MALE STRAIGHT SOLDER

DRAWING NUMBER:

M80-335

SHT
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