

Customer Information Sheet

DRAWING No.: M80-336 TO M80-337

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 = SEE TABLE (CABLE DEPENDENT)

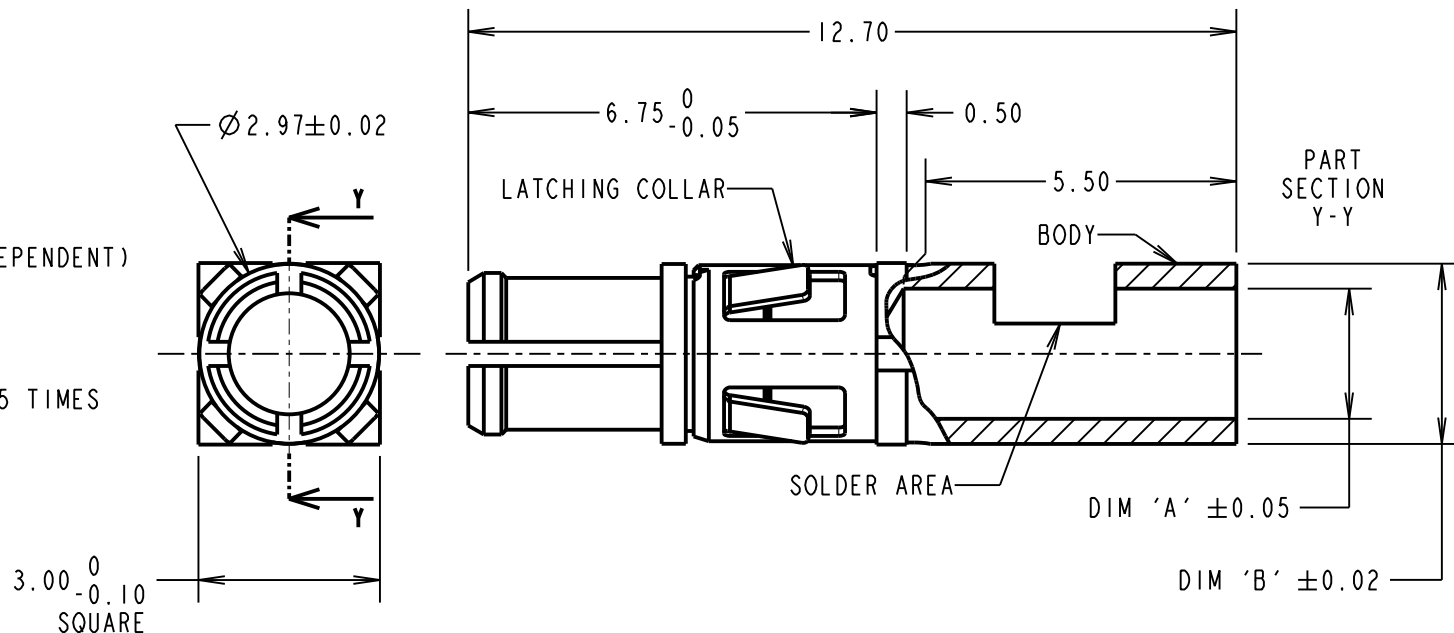
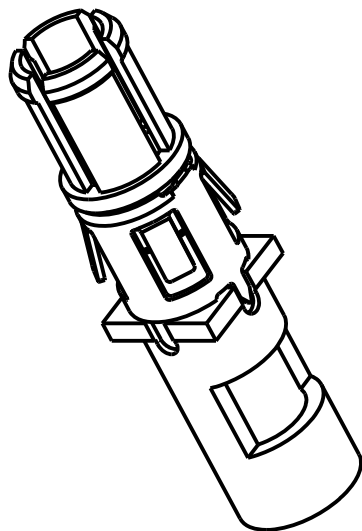
MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE = 8N MAX

WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

ENVIRONMENTAL:TEMPERATURE RANGE = -55°C TO $+125^{\circ}\text{C}$ **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).

PART No.	DIM 'A'	DIM 'B'	WIRE SIZE	CURRENT RATING
M80-336	$\varnothing 2.15$	$\varnothing 2.98$	14 AWG (19/0.30 OR 19/0.34)	15A
M80-337	$\varnothing 1.75$	$\varnothing 2.98$	16 AWG (19/0.25 OR 19/0.30)	10A

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

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OR USED FOR MANUFACTURING,
TENDERING OR FOR ANY
OTHER PURPOSE WITHOUT
THEIR WRITTEN PERMISSION.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 MIX-TEK
POWER CONTACT
MALE STRAIGHT SOLDER**DRAWING NUMBER:**

M80-336 TO M80-337

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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