

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

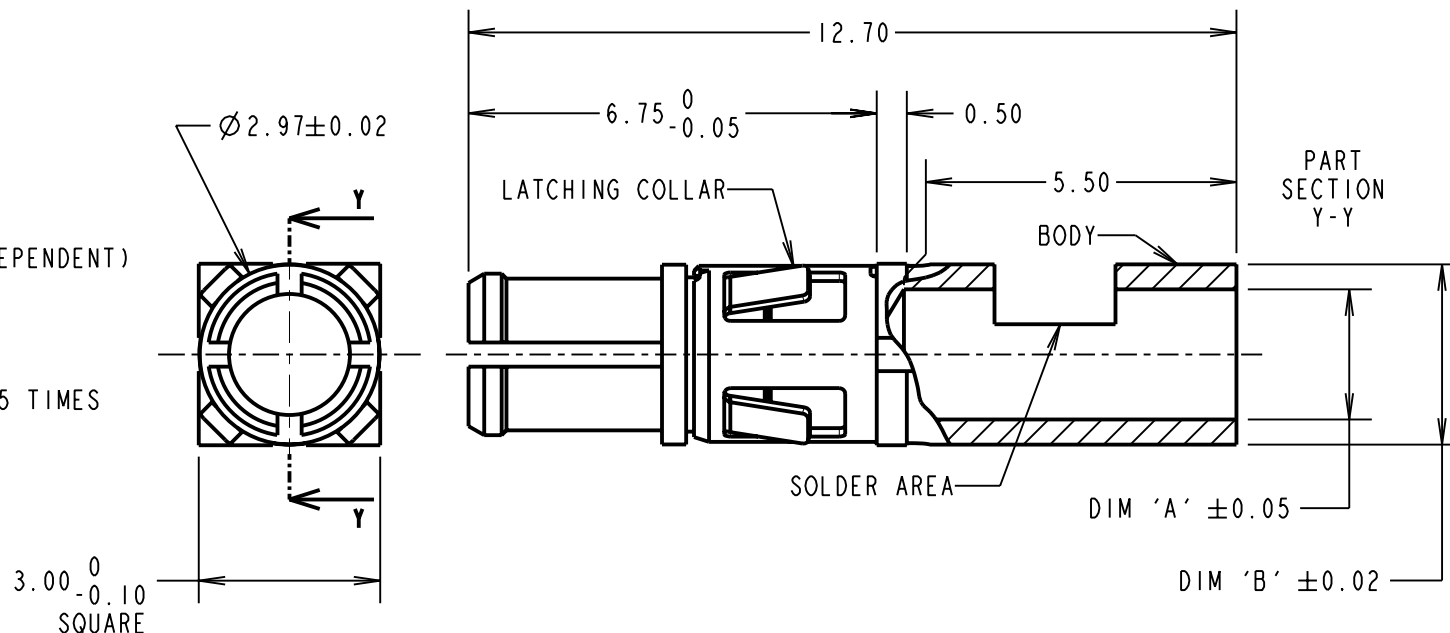
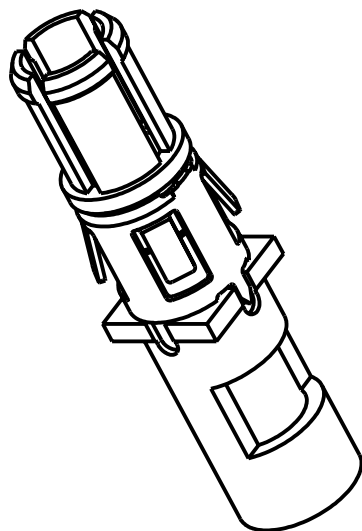
INSERTION FORCE = 5N MAX, 0.6N MIN

WITHDRAWAL FORCE = 2N MAX, 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	$\phi 2.15$	$\phi 2.98$	14 AWG (19/0.30 OR 19/0.34)	15A
M80-337	$\phi 1.75$	$\phi 2.98$	16 AWG (19/0.25 OR 19/0.30)	10A

MGP	5	24.03.10	10713
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: RA			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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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