

Customer Information Sheet

DRAWING No.: M80-338 TO M80-339

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

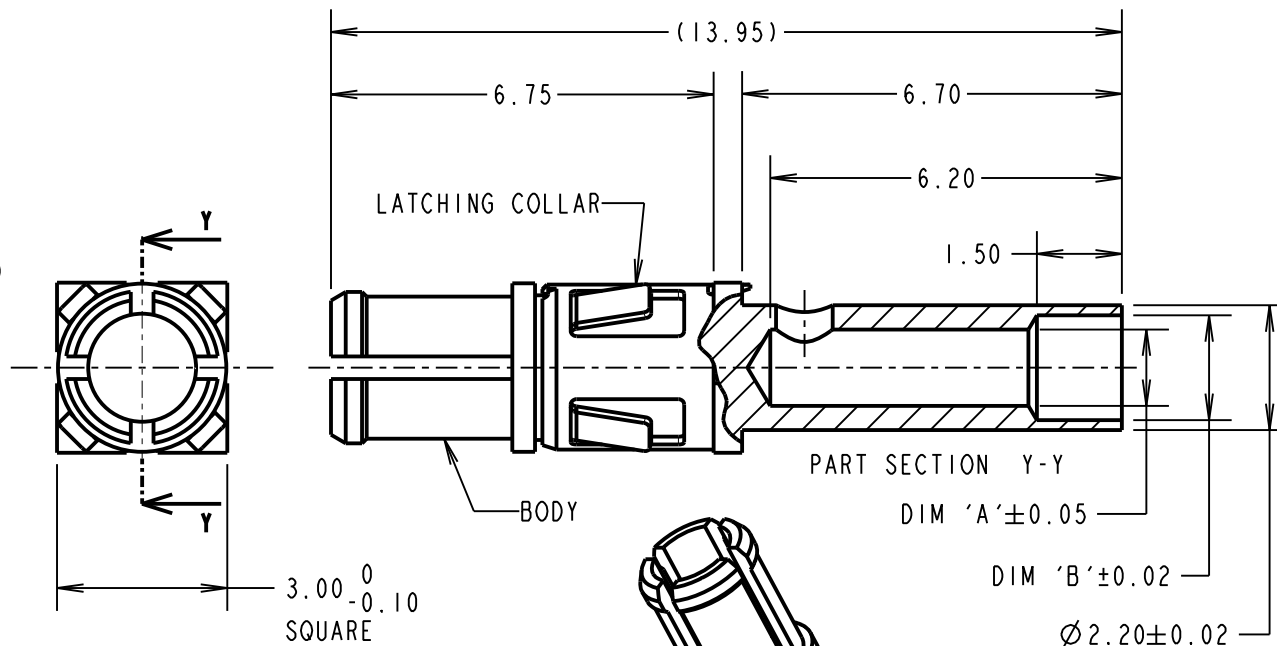
INSERTION FORCE = 8N MAX

WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO $+125^{\circ}\text{C}$



NOTES:

1. CONTACT COMES SUPPLIED ASSEMBLED.
2. STRIP WIRE BY 5.0mm FOR CRIMPING
3. CONTACT EXTRACTION TOOL = Z80-290
4. RECOMMENDED CRIMP TOOL = Z80-294 AND POSITIONER Z80-295.
5. FOR ALL OTHER ELECTRICAL/MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).

PART No.	DIM 'A'	DIM 'B'	WIRE SIZE	CURRENT RATING
M80-338	Ø1.35	Ø1.85	18 AWG	8A
M80-339	Ø1.10	Ø1.65	20 AWG	5A

MGP	3	04.01.13	11898
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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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 OR CRIMP

DRAWING NUMBER:

M80-338 TO M80-339

SHT
2 OF 2