

Customer Information Sheet

DRAWING No.: M80-32A TO M80-32C

SHEET 2 OF 2

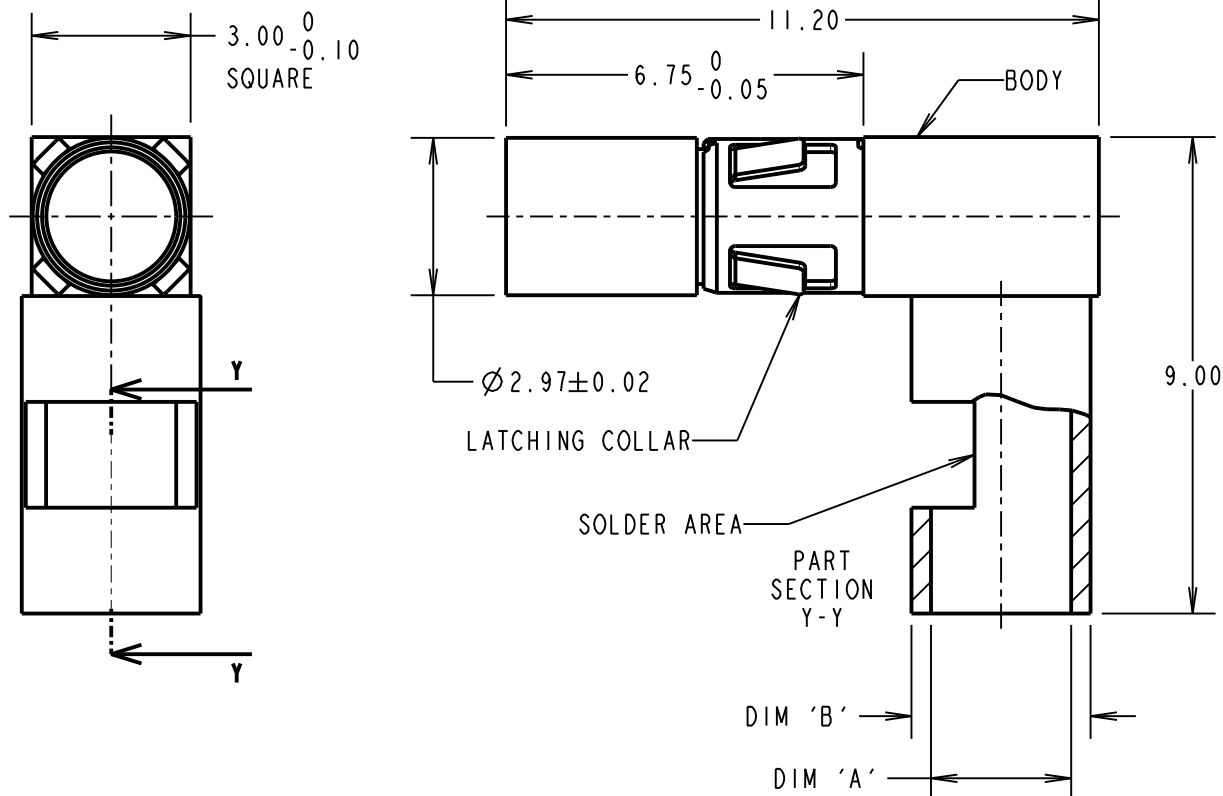
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIALS:

BODY = BRASS

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

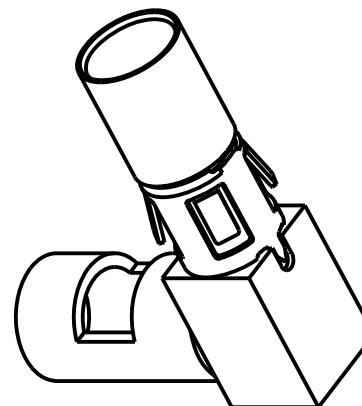
INSERTION FORCE = 8N MAX

WITHDRAWAL FORCE = 0.5N MIN

CONTACT REPLACEMENT IN INSULATOR = 5 TIMES

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C



NOTES:

- CONNECTOR COMES SUPPLIED ASSEMBLED.
- STRIP WIRE BY 5.00mm MINIMUM.
- CONTACT EXTRACTION TOOL = Z80-290
- FOR ALL OTHER ELECTRICAL/MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).

PART No.	DIM 'A'	DIM 'B'	WIRE SIZE	CURRENT RATING
M80-32A	$\varnothing 2.65$	$\varnothing 3.38$	12 AWG	20A
M80-32B	$\varnothing 2.15$	$\varnothing 2.97$	14 AWG	15A
M80-32C	$\varnothing 1.75$	$\varnothing 2.97$	16 AWG	10A

MGP	2	04.01.13	11898
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

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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
FEMALE RIGHT ANGLE SOLDER

DRAWING NUMBER:

M80-32A TO M80-32C

SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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