

# Customer Information Sheet

DRAWING No.: M80-PM1 TO M80-PM2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

## SPECIFICATIONS:

### MATERIALS:

BODY = COPPER ALLOY

### FINISH:

BODY = 0.76µm MIN GOLD OVER NICKEL

### ELECTRICAL:

CONDITIONED CONTACT RESISTANCE = 6mΩ MAX

INITIAL CONTACT RESISTANCE = 0.5mΩ MAX

CURRENT RATING = 40A

### MECHANICAL:

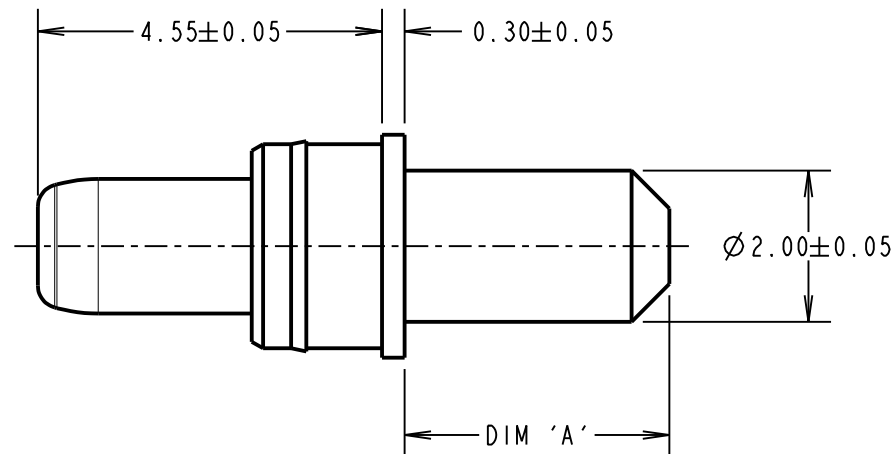
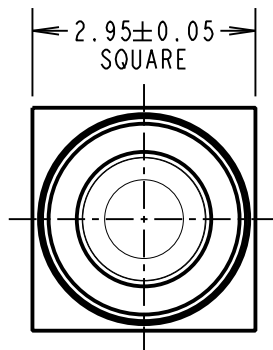
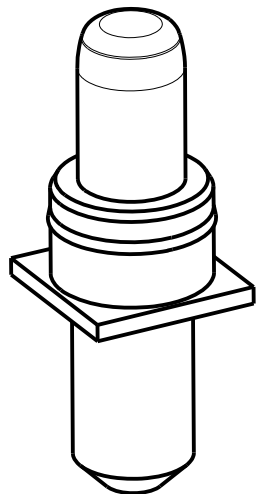
DURABILITY = 500 OPERATIONS

INSERTION FORCE = 15N MAX

WITHDRAWAL FORCE = 0.5N MIN

### ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +150°C



## NOTES:

1. RECOMMENDED PCB HOLE SIZE =  $\varnothing 2.15 \pm 0.05$ mm.
2. FOR ALL OTHER ELECTRICAL/ MECHANICAL REQUIREMENTS, SEE COMPONENT SPECIFICATION C005XX (LATEST ISSUE).

PART No.	DIM 'A'
M80-PM1	3.50
M80-PM2	5.00

MGP	6	24.08.21	30795
NAME	ISS.	DATE	CN/CO
APPROVED: MGP			
CHECKED: RTP			
DRAWN: MARK G PLESTED			
CUSTOMER REF.:			
ASSEMBLY DRG:			

# HARWIN

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TOLERANCES  
X. = ±1mm  
X.X = ±0.50mm  
X.XX = ±0.20mm  
X.XXX = ±0.01mm  
ANGLES = ±5°  
UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm<sup>2</sup>

TITLE: DATAMATE MIX-TEK  
HIGH POWER CONTACT  
MALE VERTICAL PC-TAIL

DRAWING NUMBER:

M80-PM1 TO M80-PM2

SHT  
2 OF 2

# Mouser Electronics

Authorized Distributor

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Harwin:

M80-PM2 M80-PM1