



## SPECIFICATION:

## MATERIAL:

CONTACT SHELL = BRASS

CONTACT CLIP = BERYLLIUM COPPER

## FINISH:

CONTACT CLIP = 0.1 μ GOLD

CONTACT SHELL = 0.13 μ GOLD

## ELECTRICAL:

CURRENT RATING AT 25°C = 2A MAX

CURRENT RATING AT 85°C = 1.75A MAX

CONTACT RESISTANCE (INITIAL) = 15 MILLOHMS MAX

CONTACT RESISTANCE (AFTER CONDITIONING) = 25 MILLIOHMS MAX

## MECHANICAL:

INSERTION FORCE (INITIAL) = 6N MAX, 2N MIN (Ø 0.5mm GAUGE)

WITHDRAWAL FORCE (INITIAL) = 1.5N MAX, 0.5N MIN (Ø 0.5mm GAUGE)

DURABILITY = 500 OPERATIONS

## ENVIRONMENTAL:

OPERATING TEMPERATURE = -55°C TO +125°C

## NOTES:

1. MAXIMUM PIN LENGTH = 4.52mm
2. MAXIMUM CONTACT DEPTH = 2.27mm
3. RECOMMENDED MOUNTING HOLE = Ø 1.10-1.00mm
4. RECOMMENDED PIN SIZE = Ø 0.51-0.46mm
5. CONTACT CLIP TO BE FLUSH WITH THE BOTTOM OF LEAD-IN CHAMFER TO 0.2mm BELOW.
6. FOR ELECTRICAL/MECHANICAL SPECIFICATIONS, SEE COMPONENT SPECIFICATION C006XX (LATEST ISSUE).

RA	2	01.12.08	10222
JAE	1	09.05.02	6634
JAE	A	06.05.02	----
NAME	ISS.	DATE	C/NOTE
APPROVED: <i>[Signature]</i>			
CHECKED: <i>[Signature]</i>			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

# HARWIN

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## TOLERANCES

X. = ±1mm  
 X.X = ±0.25mm  
 X.XX = ±0.10mm  
 X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

## MATERIAL:

SEE ABOVE

## FINISH:

SEE ABOVE

## S/AREA:

mm<sup>2</sup>

## TITLE:

SUB-MINIATURE  
SOCKET ASSEMBLY

## DRAWING NUMBER:

H107669C

SHT  
OF 1

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