Customer Information Sheet

SPECIFICATION:
MATERIAL:
CONTACT SHELL = BRASS
CONTACT CLIP = BERLIUM COPPER
FINISH:
01: 4µ TIN SHELL, 0.15µ GOLD CLIP
05: 0.1µ GOLD SHELL, 0.15µ GOLD CLIP
46: 4µ 100% TIN SHELL, 3µ 100% TIN CLIP
ELECTRICAL:
CURRENT RATING AT 25°C = 10A MAX
CURRENT RATING AT 85°C = 7.5A MAX
CONTACT RESISTANCE = 25 MILLIONMS MAX
MECHANICAL:
INSERTION FORCE (Ø1mm GAUGE) = 9N MAX, 3N MIN
WITHDRAWAL FORCE (Ø1mm GAUGE) = 3N MAX, 3N MIN
DURABILITY:
01, 05 = 1000 OPERATIONS
46 = 100 OPERATIONS
ENVIRONMENTAL:
OPERATING TEMPERATURE = -55°C TO +125°C

NOTES:
1. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C009XX (LATEST ISSUE).
2. MAXIMUM CONTACT DEPTH = 3.55mm.
3. RECOMMENDED MOUNTING HOLE SIZE = Ø1.96-1.91mm.
4. RECOMMENDED PIN SIZE = Ø1.05-0.90mm.
5. MAXIMUM PIN LENGTH = 4.60mm
6. SOCKET MUST BE SOLDERED TO PCB TO ENSURE ELECTRICAL CONNECTION.

ORDER CODE |
H3161-01 |
H3161-05 |
H3161-46
FINISH |
TIN SHELL, GOLD CLIP |
GOLD SHELL, GOLD CLIP |
100% TIN SHELL AND CLIP

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TOLERANCES
X = ±0.1mm
X, X = ±0.50mm
X, XX = ±0.1mm
X, XXX = ±0.01mm
ANGLES = ±5° UNLESS STATED

ORDER CODE |
H3161-XX |
FINISH |
SEE ABOVE
FINISH |
SEE ABOVE
S/AREA |
mm²

NAME ISS. DATE C/NOTE
APPROVED: W. PERREN
CHECKED: W. PLESTED
DRAWN: I. SANDY
CUSTOMER REF.: ASSEMBLY DRG: