

Technical Data

Material:

Pin(outer sleeve): Brass,machined CuZn38Pb2

Clip(contact 4 finger): Beryllium Copper,Phosphor Bronze
heat treated

Plating(outer sleeve):

Tin plated:2um/80u" Ni, 5um/200u" Sn

Gold Plated:2um/80u" Ni,Full gold

Plating(contact): 2um/80u" Ni, gold or Tin plated

Insulator(black): Glass filled thermoplastic polyester
UL94 V-0

Electrical:

Current rating: 3Amps/contact max.

Contact resistance: $\leq 4\text{m}\Omega$ /contact

Insulation resistance: $\geq 1000\text{M}\Omega$ at V=100V

Operating voltage: 60VAC/DC

Mechanical:

Average insertion force with steel pin of
 $\varnothing 0.43\text{mm}/0.17''$: <250g

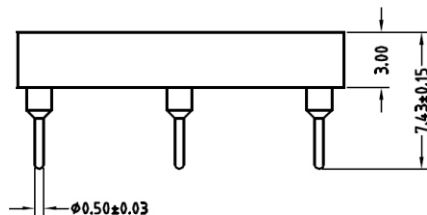
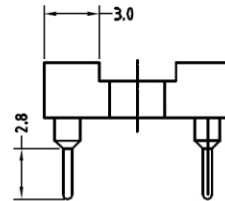
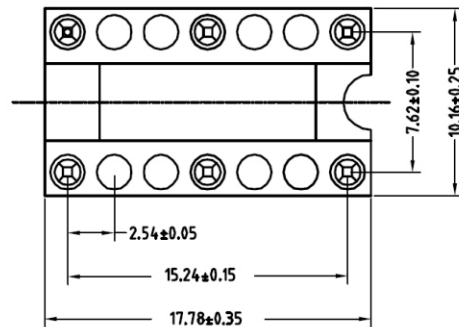
Average withdrawal force with steel pin of
 $\varnothing 0.43\text{mm}/0.17''$: >50g min.

Mechanical life cycle:min.200

Operating temperatures: Gold Plsted:-55°C to+105°C

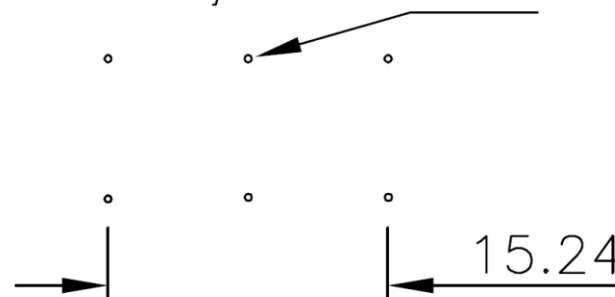
Tin plated:-40°C to+105°C

Soldering temperature: +240°C,10s max.



P.C.B. Layout

Ø0.70



OSC-D03-1406-LF

LEADFREE

RoHS Compliant

MORETHANALL
CONNECTORS
ASSEMBLIES

PART NO. **OSC-D03-1406**

DWG NO. **OSC-D03-1406**

FILE NO.

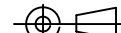
UNIT / mm

SCALE 1:1

CHECKED BY CY

DRAWING BY

PROJECTION



TOLERANCES ARE

.X ± 0.2

.XX ±

.XXX ±

AWG

DESCRIP TION:

AREA

REVISIONS

HK

DATE

煜倫股份有限公司