



P.C.B. LAYOUT

#### Technical Data

- ◆ **Material:**
  - Pin (outer sleeve) : Brass,machined, CuZn38Pb2
  - Clip(contact 4 finger) : Beryllium copper ,heat treated or PHBZ
  - Plating(outer sleeve) : Tin plated : 2um/80u"nickel,5um/200u"Tin
  - Gold plated: 2um/80u"nickel,full gold
  - 2um/80 u"nickel,gold or tin plating
- ◆ **Electrical**
  - Plating clip(contact):
  - Insulator body(black) : Glass filled thermoplastic polyester UL94V-0
  - Current rating : 3 Amps/contact max.
  - Contact resistance :  $\leq 4m\Omega$ /contact
  - Insulation resistance :  $\geq 10000M\Omega$ at 500VAC
  - Rated voltage : 100 VRMS /150VDC
- ◆ **Mechanical**
  - Operating temperature : Gold plated:-55° to +125°
  - (Continuous) -67° to +105°
  - Tin plated:-40° to +105°
  - Average insertion force with steel pin of: Ø0.43mm/0.017" < 250g
  - Average withdrawal force with steel pin of Ø 0.43mm/0.017" >50g
  - Mechanical life : min.200
- ◆ **Applications and features:**
  - 1.The open frame is most common type.
  - 2.The open body design gives better access (for cleaning and inspections) to air -cooling.
  - 3.Side and end stackable.
  - 4.High retention design prevents IC walkout during heavy vibration.
  - 5.Closed bottom sleeve for 100% anti-wicking of silder.
  - 6.Twist free construction.
- ◆ **Environmental data**
  - Solderability (IEC 60068-2-20. Ta) :235° , 2s
  - Resistance to soldering heat (IEC 60068-2-20. Tb) : -Through hole mount components :260° , 10s

**RoHS Compliant**

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

X. ± 0.50

.X ± 0.30

.XX ± 0.10

.XXX ±

ANG ± 1°

PPOJECTION

照片框

#### ORDER INFORMATION

SS-D25-2Xxx-LF  
SERIES LEADFREE  
2X02:04WAY  
2X40:80WAY  
HIGH 2.5mm  
DIP 180°

DESCRIPTION: