



Contact	Dim A	Dim B
24	30.48	27.94

NOTES

Material:

Pin (outer sleeve) : Brass,machined, CuZn38Pb2
 Clip(contact 4 finger) : PHBZ
 Contact Plating : 2um/80u"nickel,5um/200u"Tin
 Clip Plating: 2um/80 u"nickel,Gold Flash
 Insulator body(black) : Glass filled thermoplastic polyester UL94V-0

Electrical

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°C to +125°C
 (Continuous) -67°F to +105°F
 Tin plated:-40°C to +105°C

Average insertion force with steel pin of: $\varnothing 0.43mm/0.017"$ < 250g

Average withdrawal force with steel pin of $\varnothing 0.43mm/0.017"$ >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 solder.
- 6.Twist free construction.

Environmental data

Solderability (IEC 60068-2-20. Ta) :235°C, 2s
 Resistance to soldering heat (IEC 60068-2-20. Tb) :
 -Through hole mount components :260°C, 10s

PCB LAYOUT

RoHS compliant

Scale	1:1	Date	20.07.2012	Name	Lucas
TOLERANCE		Drawn	20.07.2012	Lucas	
X.	±0.50	Approved	20.07.2012	Winnie	
X.X	±0.30				
X.XX	±0.10				
DIM	TOL				
X.°	±1°				
Angle	TOL	© Drawn	20.07.2012	Lucas	
		Id.	Modification	Date	Name



Customer-No.		CONRAD 183831	
ASSMANN WSW-No.		AR 24-HZL/7-TT	
Drawing-No.		ASS 4912 CO	rev00
Replace			Sheet