

Contact	Dim A	Dim B	Dim C	Dim D
20	25.40	22.86	7.62	10.16

**NOTES**

Material:  
 Pin (outer sleeve) : Brass, machined, CuZn38Pb2  
 Clip(contact 4 finger) : Phosphor Bronze  
 Plating Sleeve : 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:  $\phi 0.43mm/0.017"$  < 250g  
 Average withdrawal force with steel pin of  $\phi 0.43mm/0.017"$  >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	Customer-No.	CONRAD 183829	
TOLERANCE		Drawn	20.07.2012	Approved	Winnie	ASSMANN WSW-No.	AR 20-HZL-TT	
X.	±0.50					Drawing-No.	ASS 4907 CO	rev00
X.X	±0.30					Replace		Sheet
X.XX	±0.10							
DIM	TOL							
X.°	±1°							
		© Drawn	20.07.2012	Lucas				
Angle	TOL	Id.	Modification	Date				