

Contact	Dim A	Dim B	Dim C	Dim D
16	20.32	17.78	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: $\varnothing 0.43mm/0.017"$ < 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	Customer-No.	CONRAD 183826	
TOLERANCE		Drawn	20.07.2012	Lucas		ASSMANN WSW-No.		
X.	±0.50	Approved	20.07.2012	Winnie		AR 16-HZL-TT		
X.X	±0.30					Drawing-No.		
X.XX	±0.10					ASS 4905 CO	rev00	
DIM	TOL					Replace	Sheet	
X.°	±1°	© Drawn	20.07.2012	Lucas				
Angle	TOL	Id.	Modification	Date		Name		

1

2

3

4

5

6

7

SVXXX