**Material & Finishes**

Pin(outer sleeve): Brass, machined CuZn38Pb2

Clip(contact 4/6 finger): Beryllium copper / Phosphor Bronze  
Heat treated

Plating(cuter sleeve)

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

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

Plating(contact): 2mm/80u"Ni, Gold over Tin plated

**Electrical**

Current rating: 3Amps/contact max.

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


Average insertion force with steel pin:

of  $\phi 0.43\text{mm}/.017"$ ; 4-finger <250g, 6-finger <80g

Average withdrawal force with steel pin:

of  $\phi 0.43\text{mm}/.017"$ ; 4-finger >50g, 6-finger >15g

Mechanical life cycle: min. 200

E				Drawn:	General Tolerance			 <b>Useconn Electronics Ltd.</b>	Part No.
D				David Chang	.0	.00	.000		RI-1S/O-SG/7.43
C				Checked:	±0.30	±0.20	±0.10		File No. RI-1S/O-SG/7.43
B				Ivy Lee	Unit : mm				
A	15-May-17	new release	David	Appraisal:	Scale :			Title: Machined contact L=7.43mm	
Rev.	Date	File	BY	Simon Chen	Sheet : 1/1				