

Material & Finishes

Pin(outer sleeve): Brass, machined CuZn38Pb2
 Clip(contact 4/6 finger): Beryllium copper / Phosphor Bronze
 Heat treated

Plating(iouter 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: $\leq 4m\Omega$ /contact

Mechanical:


Average insertion force with steel pin:

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

Average withdrawal force with steel pin:

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

Mechanical life cycle: min. 200

E				Drawn:	General Tolerance			 Useconn Electronics Ltd.	Part No.
D				David Chang	.0	.00	.000		RI-01S-SG/4.2SMT
C				Checked:	± 0.30	± 0.20	± 0.10	File No. RI-01S-SG/4.2SMT	
B				Ivy Lee	Unit : mm				
A	2-Jun-06	new release	David	Appraisal:	Scale :			Title: SMT type Machined contact L=4.2mm	
Rev.	Date	File	BY	Simon Chen	Sheet : 1/1				