

## Technical Data

### Material:

Pin (outer sleeve): Brass, machined CuZn38Pb2  
 Clip (contact 4 finger): Beryllium Copper, heat treated  
 Plating (outer sleeve):  
 Tin plated: 2um / 80u" Ni, 5um / 200u" Sn  
 Gold plated: 2um / 80u" Ni, Full gold  
 Plating (contact): 2um / 80u" Ni, gold or Tin plated  
 Insulator (black): PBT / PPS Glass filled thermo  
 Plastic polyester UL94V-0

### Electrical:



Current rating: 3Amps .contact max.  
 Contact resistance:  $\leq 4M\Omega$  /contact  
 Insulation resistance:  $\geq 1000M\Omega$  at V=100V  
 Operating voltage: 60V AC/DC

### Mechanical:

Average insertion force with steel pin of  
 $\Phi 0.43mm / 0.17"$ : <250g  
 Average withdrawal force with steel pin of  
 $\Phi 0.43mm / 0.17"$ : >50g min.  
 Mechanical life cycle: 200min.  
 Operating temperatures: Gold plated -55°C to +105°C  
 Tin plated -40°C to +105°C

Critical dimensions:  $\Delta$

No. of Positions	DIM"A"	DIM"B"
6	7.62	5.08
8	10.16	7.62
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.40	22.86
24	30.48	27.94
28	35.56	33.02

DRAW:	JUDY	TOLERANCE		<b>CnC Tech ,LLC</b> Industrial Cable and Connector Technology					
		SELECT	✓						
CHECK1:		ON	TOL	1	2	PART NO: 211-1-XX-003			
		.XXX±		0.05	0.10				
		CHECK2:		.XX±		0.15	0.20	IC SOCKET 2.54 XXP NARROW TYPE H=7.43	
		.X±		0.20	0.25				
APPD:		ANGLE±		2°	3°	 	SCALE	UNIT	REV
		DATE		2019.6.1			4:1	MM	A