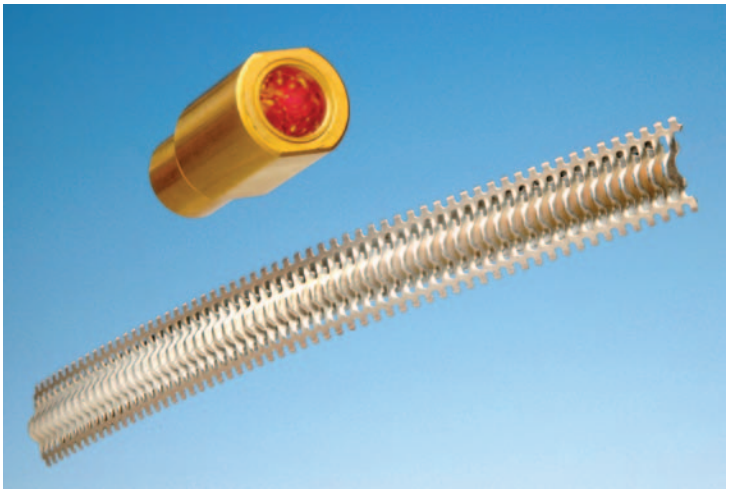


HyperBand™ Technology

Power contacts using compliant contact band

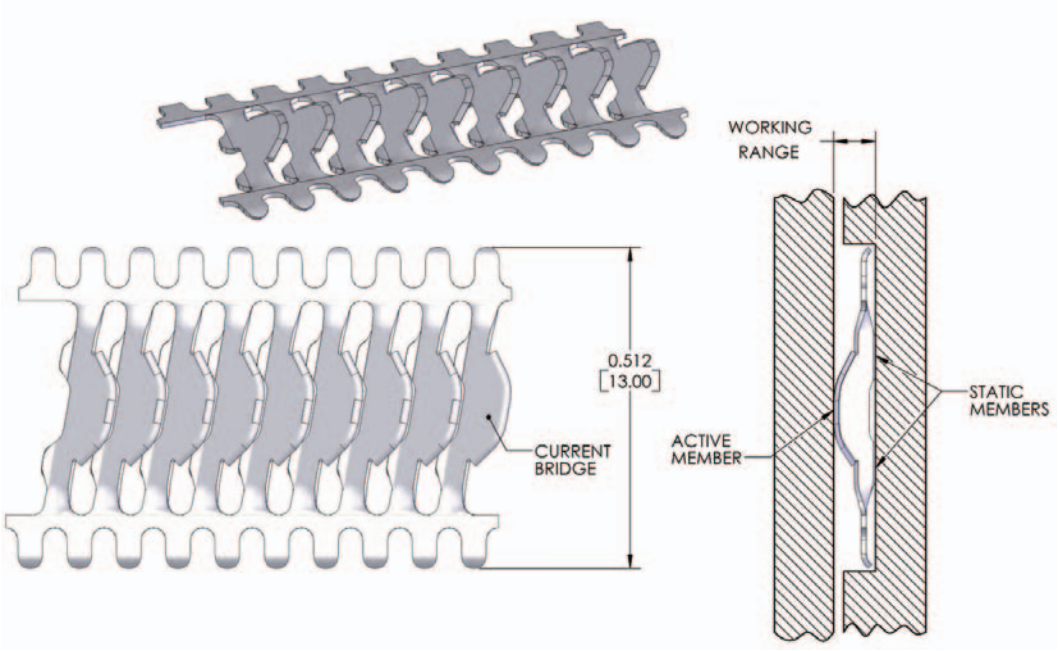
- Extremely low contact resistance
- Low insertion/extraction force
- Exceptional heat dissipation and temperture rating
- High current density
- High number of mating cycles
- Termination options available for both bus bar and cable applications
- Available in single and multi-pole configurations; with both flat and round geometrics
- 0.006 (0.15) and 0.008 (0.20) band thickness available

The HyperBand contact series is a stamped contact system constructing a “current bridge” system made up of one active and two static contact members. This unique construction provides enhanced electrical performance by providing greater current transfer and mechanical stability. The high current carrying capacity is achieved by providing multiple contact bridge points per unit length. Reduced weight and low contact insertion and withdrawal forces are additional features of the HyperBand contact system.

GENERAL SPECIFICATIONS		
Temperature Range		-55° C to +180° C
Material		Beryllium Copper
Finish		Silver or Gold
Short Circuit Temperature		270° C
Pin Diameter	***Current Rating (AMPS)***	
	0.006 (0.15)	***0.008 (0.20)***
0.315 (8)	200	250
0.394 (10)	300	350
0.472 (12)	400	450
0.551 (14)	500	550

Additional contact sizes available. Please consult factory.
(Current ratings are for Cu Conductors; for Aluminum or brass multiply values shown by 0.75 or 0.5)

Notes:
1.) Dimensions are in inches (mm)



Per One Current Bridge (with silver plate)	***Specifications***	
Band Thickness	0.006 (0.15)	0.008 (0.20)
Mechanical Data		
Contact Force*	0.45 lb (2N)	1.57 lb (7.0N)
Sliding Force*	0.16 lb (0.7N)	0.56 lb (2.5N)
Working Range (Height)	0.035 - 0.055 (0.9 - 1.4)	0.035 - 0.055 (0.9 - 1.4)
Cycle Life	>500	>500
Electrical Data*		
Current Capacity	25 amps	30 amps
Contact Resistance	800 microohms	500 microohms
Short Circuit Current (1 Sec, 3 Sec)	.85 kA, .55 kA	.95 kA, .63 kA
Surge Current	2 kA	2.5 kA

* For standard compression to a height of 0.040 (1.00)

** Data shown is only valid when cross sections of the assembly (ie: wall thickness and cable sizes) correspond to the rated currents.

Notes:

1.) Dimensions are in inches (mm)