

SPECIFICATIONS

CONTACT SIZES*				30° C RISE <sup>2</sup>	120° C RISE <sup>2</sup>	CONTACT RESISTANCE	INSERTION FORCES (AVG.)	LIFE CYCLES
SERIES	INCH	mm	GAUGE (SAE-AS39029)	AMPS		MILLIOHMS	OUNCES	
1200	0.012	0.30	-	3	N/A	<10	0.4	↑ >100,000 ↓
1600	0.016	0.40	-	3.5		<8	0.7	
1800	0.018	0.45	-	4		<8	0.75	
2300	0.023	0.60	-	6.5		<5	0.8	
2700	0.027	0.69	-	7		<5	0.9	
3000	0.030	0.76	22	8		<5	1.0	
4000	0.040	1.00	20	13		<2.5	1.0	
5900	0.059	1.50	-	15	32	<2.5	2.5	
6200	0.062	1.57	16	15.5	29	<2.5	2.5	
7800	0.078	2.00	14	18.5	37	<1.5	2.5	
9300	0.093	2.36	12	27	40	<1	9	
9800	0.098	2.50	-	26.8	52	<1	12	
1180	0.118	3.00	-	38	68	<1	18	
1250	0.125	3.18	10	41	76	<0.75	18	
1380	0.138	3.50	-	44	83	<0.5	18	
1420	0.142	3.61	8	57	116	<0.5	19	
1575	0.157	4.00	-	60	114	<0.5	20	
1690	0.169	4.30	-	100	152	<0.4	30	
2541	0.241	6.12	-	N/A	230	<0.25	120	
3150	0.315	8.00	-	108	214	<0.18	121	
3570	0.357	9.07	0	132	260	<0.25	122	
5000	0.500	12.7	-	180	360	<0.09	130	

\* Contact size equivalent to mating pin diameter

**NOTES:**

1. Sizes and styles are the most common and do not include all contacts currently in production.

Custom Designs available upon request.

2. Ampacity values are based on discrete contact testing, and are for reference only. Variables which can affect ampacity ratings include but are not limited to; number of hyperboloid wires inside sockets, wire diameter, AWG of the terminating cable, and derating requirements of end-user applications. IEH test data and methodology are available upon request.

3. Hyperboloid interconnects are unequaled for service under severe shock and vibration. They exhibit no intermittence through test levels exceeding 300 G's continuous.

All information contained herein is believed to be reliable as of the date of publication, but is subject to change without notice. Current product drawings and specifications are available upon request from IEH.

IEH warrants its products to be free of defects affecting normal use. If any shipment is found to be defective we will accept return for repair or replacement at our option within one year of shipment. IEH is not responsible for incidental or consequential damages arising out of the use of our products.