Multiple Pin Headers

With Individual Glass Insulators



HSC HERMETIC SEAL™

AMETEK®
ENGINEERED INTERCONNECT AND PACKAGING

NUMBERING SYSTEM

*** 2709 * - 4 - PS40 - * - ***

- STD. PLATING: HOT SOLDER DIP (NO LETTER REQUIRED)
- SPECIAL MODIFICATIONS — ELECTRODE
- ELECTRODE DIAMETER (THOUSANDTHS)
- ELECTRODE TERMINATIONS
- ELECTRODE PATTERN
- SPECIAL MODIFICATIONS — BODY
- BODY
- MATERIAL: NO LETTER — C.R.S.
  SS — STNL'S ST'L
  X — INCONEL
  M — MONEL
  OR AS SPECIFIED

ALL HEADERS ARE COMPLETELY DESIGNED.
MOST OF THE STANDARD HEADERS ARE TOOLED.
PLEASE CONSULT FACTORY FOR FURTHER DETAILS.

MULTI HEADERS



For complete flexibility of application Hermetic Seal Corporation multi pin header line is the answer. Solid glass insulating material for high voltage requirements plus individual glass insulators for durable high pressure needs encompasses nearly every possible design criteria imaginable. With selections of termination configurations and materials the multi header line is unsurpassed.

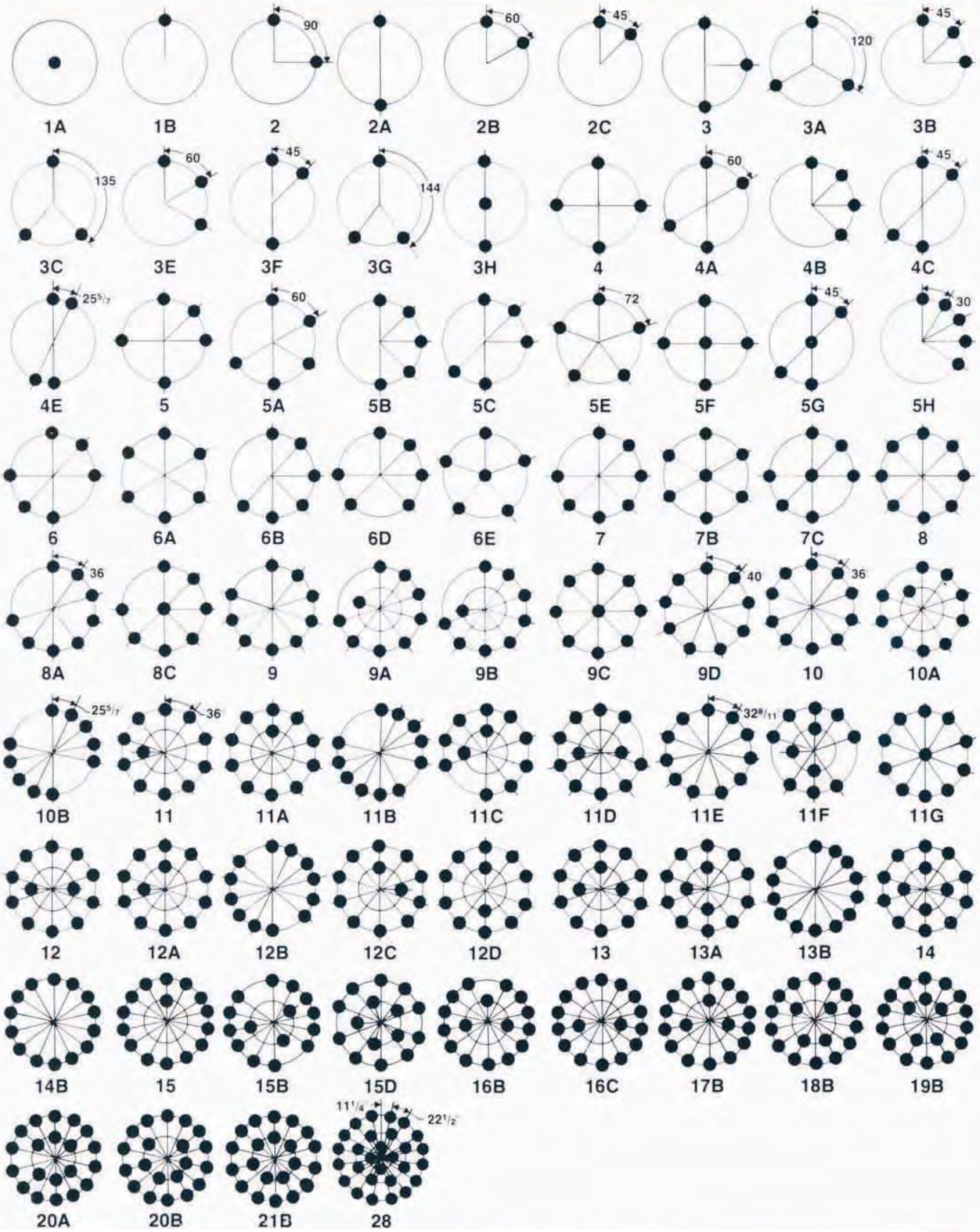
GENERAL SPECIFICATIONS

SEAL (HERMETICITY)
LEAKAGE RATE LESS THAN
1×10^{-8} cc/sec AT 15 P.S.I.

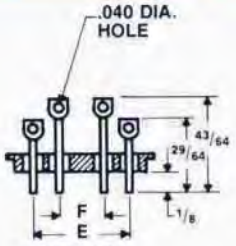
INSULATION RESISTANCE
GREATER THAN 10,000 MEGOHMS
AT 500 VDC PER MIL-STD-202.
METHOD 302.

THERMAL SHOCK
NO EVIDENCE OF DAMAGE DETRIMENTAL
TO THE OPERATION OF HEADER AT
−65°C (−85°F) TO +125°C (257°F)

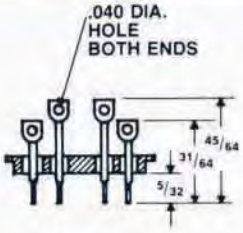
CORROSION
HEADERS WILL MEET SALT SPRAY TEST
PER MIL-STD-202, METHOD 101.
(Depending on Plating)


1A
1B
90
2
2A
60
2B
45
2C
3
120
3A
45
3B
135
3C
60
3E
45
3F
144
3G
3H
4
60
4A
4B
45
4C
25 5/7
4E
5
60
5A
5B
5C
72
5E
5F
45
5G
30
5H
6
6A
6B
6D
6E
7
7B
7C
8
36
8A
8C
9
9A
9B
9C
40
9D
36
10
10A
25 5/7
10B
36
11
11A
11B
11C
11D
32 8/11
11E
11F
11G
12
12A
12B
12C
12D
13
13A
13B
14
14B
15
15B
15D
16B
16C
17B
18B
19B
11 1/4
22 1/2
20A
20B
21B
28

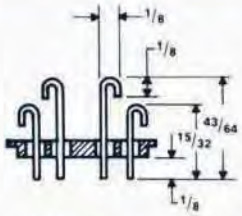




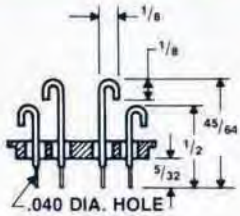
PS40



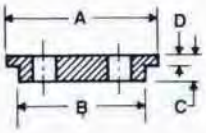
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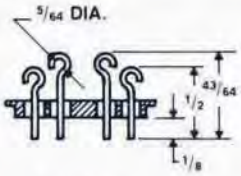


HS40

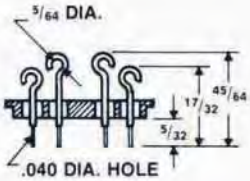


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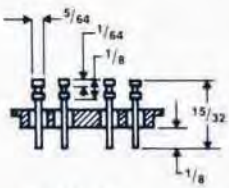




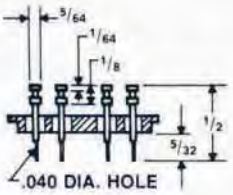
LS40



LP40

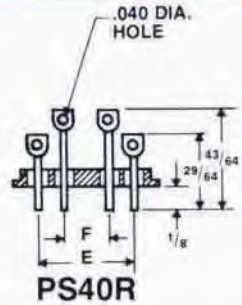


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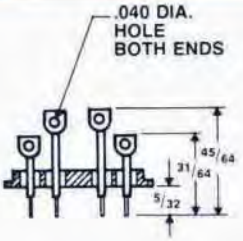


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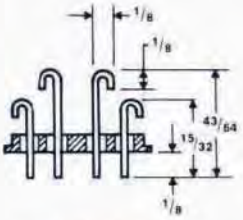




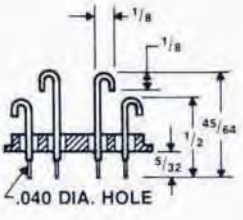
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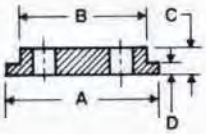
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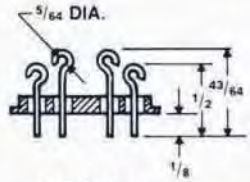


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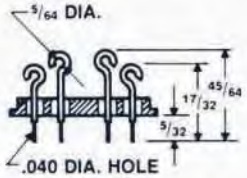


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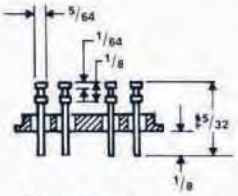




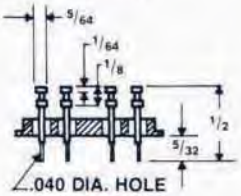
LS40R



LP40R



THS40R

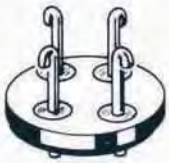


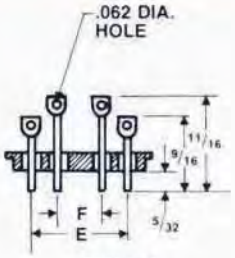
THP40R

INDIVIDUAL GLASS — .040 DIA. ELECTRODES

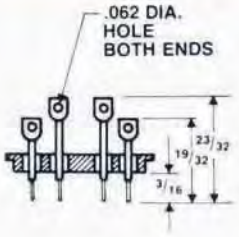
Body	A	B	C	D	E	F	Voltage R.M.S.	Types Available	Patterns Available
2199	.375	.335	.090	.035	.170	—	1,000	SEE BELOW*	2-4, 1A-3A, 1B, 3C, 5E, 6E, 5F, 3G, 3H
2162	.500	.465	.094	.031	.260	—	1,000	SEE BELOW*	2-4, 1A-6A, 1B, 2B, 7B, 3C, 3E, 5E, 6E, 5F, 3G, 3H
2402	.625	.594	.094	.031	.375	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2403	.730	.620	.094	.031	.375	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
					.468	—	1,000	ALL SHOWN	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
2012	.875	.746	.094	.025	.560	.198	1,400	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2021	.900	.840	.094	.062	.550	.250	1,000	ALL SHOWN	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6E, 3F, 5F, 11F, 3G, 5G, 11G, 3H
2023	1.000	.968	.094	.031	.560	—	1,400	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2016	1.062	.997	.125	.080	.687	—	2,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 9D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2028	1.250	1.175	.125	.040	.687	—	2,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 9D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
					.853	.353	2,000	ALL SHOWN	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6E, 3F, 5F, 11F, 3G, 5G, 11G, 3H
					.890	.437	2,000	ALL SHOWN	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6E, 3F, 5F, 11F, 3G, 5G, 11G, 3H
2031	1.250	1.125	.094	.031	.687	—	2,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
					.830	.300	2,000	ALL SHOWN	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6E, 3F, 5F, 11F, 3G, 5G, 11G, 3H
					.853	.353	2,000	ALL SHOWN	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6E, 3F, 5F, 11F, 3G, 5G, 11G, 3H
2044	1.500	1.375	.094	.025	1.062	.580	1,800	ALL SHOWN	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6E, 11E, 3F, 5F, 11F, 3G, 5G, 11G, 3H

***TYPES AVAILABLE FOR BODY 2199 AND BODY 2162**
PS 40, PS40R, PP40, PP40R, HS40, HS40R, HP40, HP40R

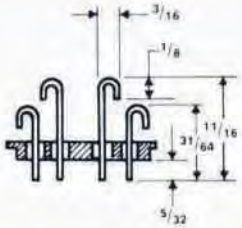




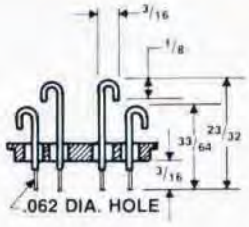
PS62



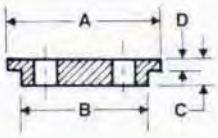
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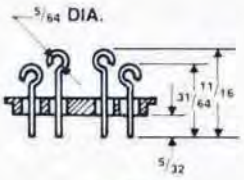


HS62

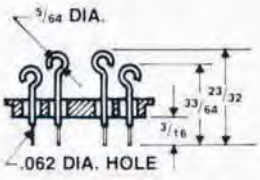


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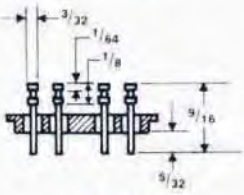




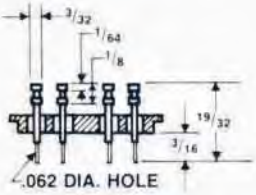
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LP62

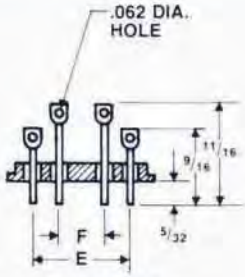


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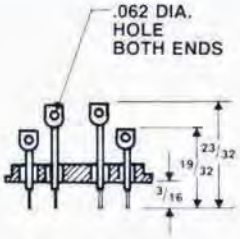


THP62

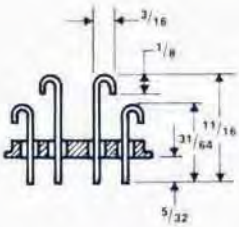




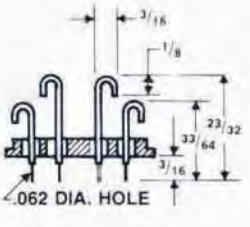
PS62R



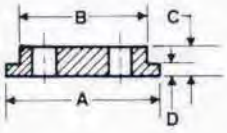
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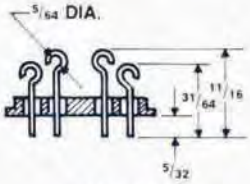


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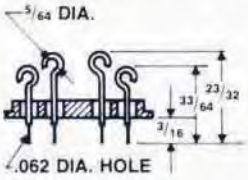


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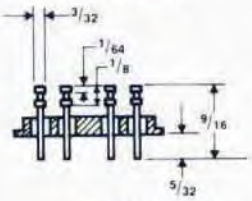




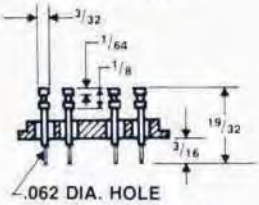
LS62R



LP62R



THS62R

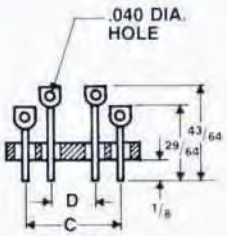


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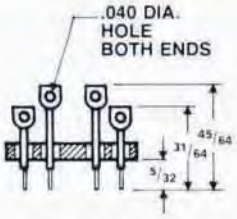
INDIVIDUAL GLASS — .062 DIA. ELECTRODES

Body	A	B	C	D	E	F	Voltage R.M.S.	Types Available	Patterns Available
2402	.625	.594	.094	.031	.375	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2403	.730	.620	.094	.031	.375	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
					.468	—	1,000	ALL SHOWN	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
2021	.900	.840	.094	.062	.550	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2023	1.000	.968	.094	.031	.560	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2016	1.062	.997	.125	.080	.687	—	1,500	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 9D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2028	1.250	1.175	.125	.040	.687	—	1,500	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 9D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
					.853	353	1,500	ALL SHOWN	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6E, 3F, 5F, 11F, 3G, 5G, 11G, 3H

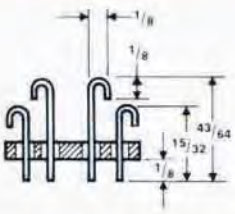




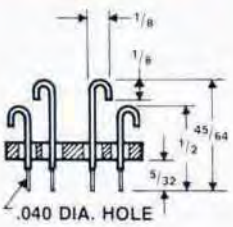
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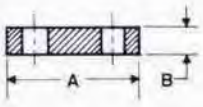
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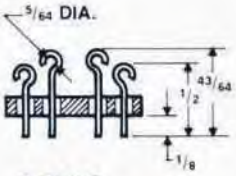


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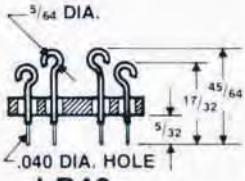


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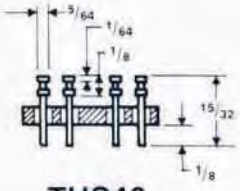




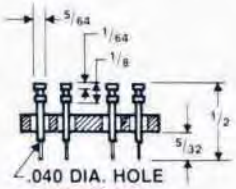
LS40



LP40



THS40

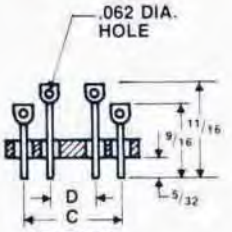


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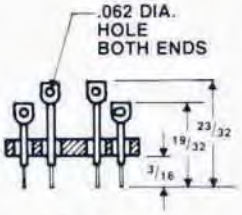
INDIVIDUAL GLASS — .040 DIA. ELECTRODES

Body	A	B	C	D	Voltage R.M.S.	Types Available	Patterns Available
2311	.375	.125	.212	—	1,000	SEE BELOW*	2-4, 1A-3A, 1B, 3C, 3G
3005	.624	.094	.375	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
			.437	—	1,000	ALL SHOWN	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
2029	.750	.050	.550	.250	1,000	ALL SHOWN	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6E, 3F, 5F, 11F, 3G, 5G, 11G, 3H
3021	.900	.093	.468	—	1,000	ALL SHOWN	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
			.550	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H

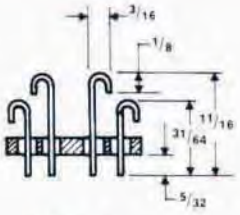




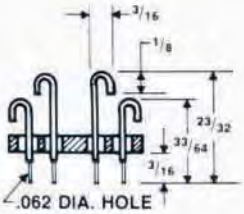
PS62



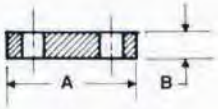
PP62

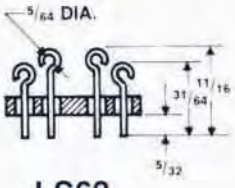


HS62

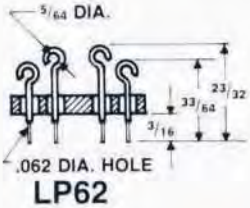


HP62

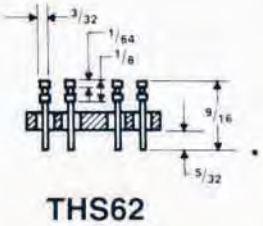




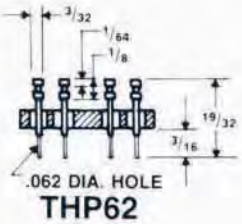
LS62



LP62



THS62



THP62

INDIVIDUAL GLASS — .062 DIA. ELECTRODES

Body	A	B	C	D	Voltage R.M.S.	Types Available	Patterns Available
3021	.900	.093	.550	—	1,000	ALL SHOWN	2-8, 1A-6A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H

***TYPES AVAILABLE FOR BODY 2311**
PS40, PP40, HS40, HP40



HERMETIC SEAL
4232 Temple City Blvd, Rosemead, CA 91770, UNITED STATES
E: hermeticseal.info@ametek.com | **T:** +1 626 443 8931
www.hermeticseal.com

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