Multiple Pin Headers

With Solid 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.

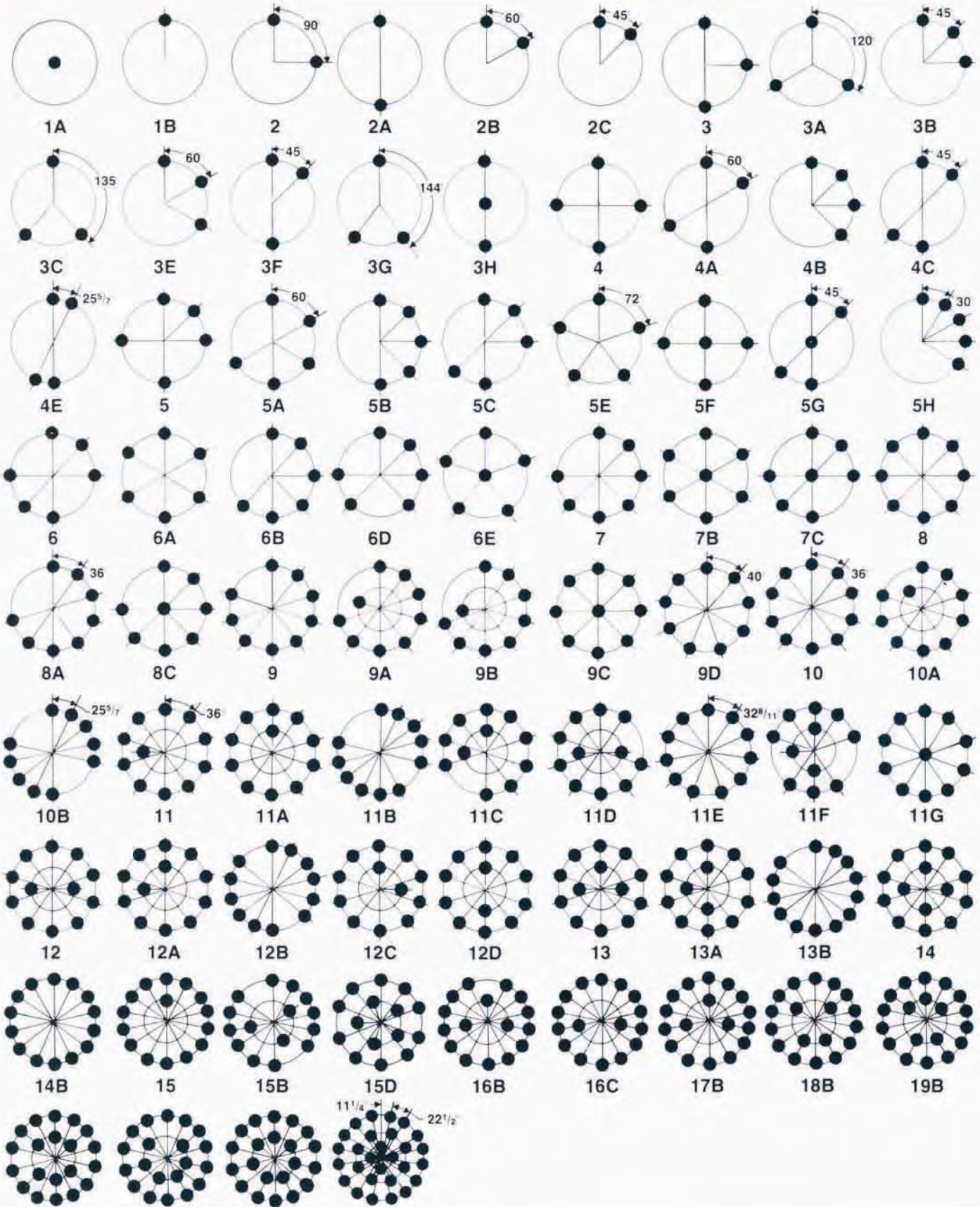
GENERAL SPECIFICATIONS

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

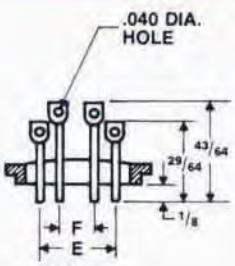
INSULATION RESISTANCE
GREATER THAN 10,000 MEGOHMS
AT 500 VDC PER MIL-STD-202.
METHOD 302.

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

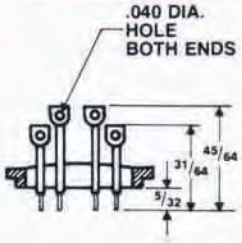
CORROSION
HEADERS WILL MEET SALT SPRAY TEST
PER MIL-STD-202, METHOD 101.
(Depending on Plating)


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

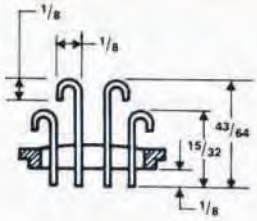




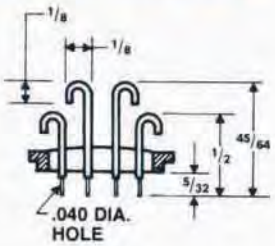
PS40



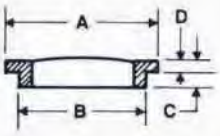
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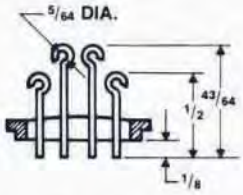


HS40

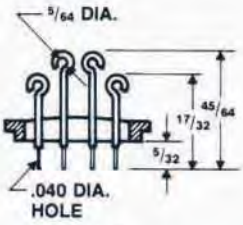


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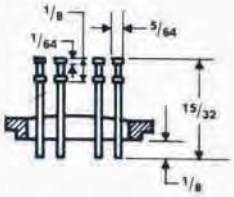




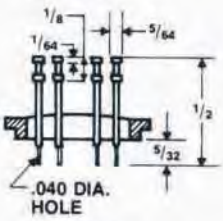
LS40



LP40

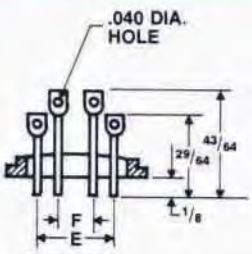


THS40

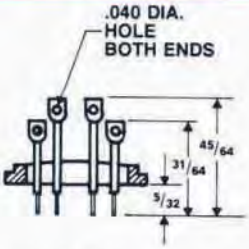


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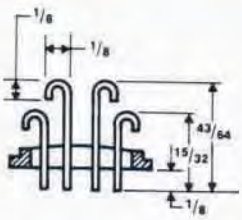




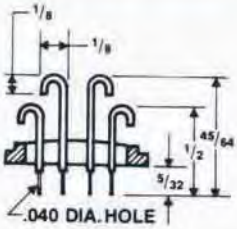
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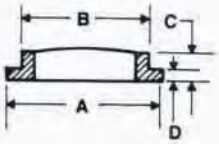
PP40R

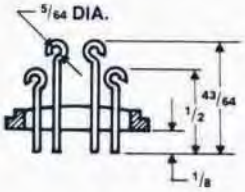


HS40R

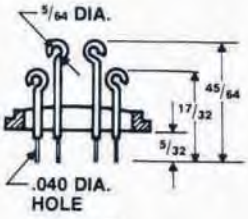


HP40R

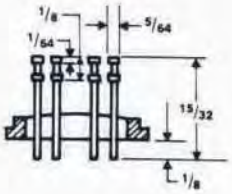




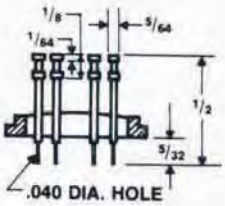
LS40R



LP40R



THS40R



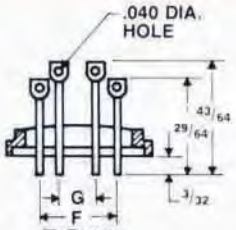
THP40R

SOLID GLASS — .040 DIA. ELECTRODES

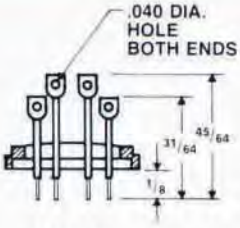
Body	A	B	C	D	E	F	Voltage R.M.S.	Types Available	Patterns Available
2709	.375	.343	.100	.050	.150	—	1500	See Below*	2-8, 1A-6A, 1B-7B, 2C-5C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 3H
2711	.600	.560	.094	.031	.310	—	1500	See Below*	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
2751	.625	.590	.094	.031	.375	—	1500	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
2761	.730	.620	.094	.031	.375	—	2500	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
2775	.800	.770	.094	.031	.468	—	2200	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
					.498	—	1800	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E,3F, 5F, 3G, 5G, 11G, 3H
					.498	.212	1800	All Shown	11-14, 9A-13A, 9B, 11C, 12C, 11D, 12D, 11F
2772	.900	.840	.094	.062	.468	—	2200	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
					.498	.212	1800	All Shown	2-14, 1A-6A, 8A-13A, 1B-7B, 9B, 2C-5C, 7C-9C, 11C, 12C, 6D, 11D, 12D, 3E, 5E, 6F,3F, 5F, 11F, 3G, 5G, 11G, 3H
27012	1.000	.960	.100	.062	.468	—	2200	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
					.498	.212	1800	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
					.656	.312	2000	All Shown	15, 1A, 2A, 20A, 1B, 10B-21B, 16C, 4E, 3H
2794	1.062	.998	.094	.031	.656	.312	2000	All Shown	15, 1A, 2A, 20A, 1B, 10B-21B, 16C, 4E, 3H

***TYPES AVAILABLE FOR BODY 2709 AND BODY 2711**
PS40, PS40R, PP40, PP40R, HS40, HS40R, HP40, HP40R

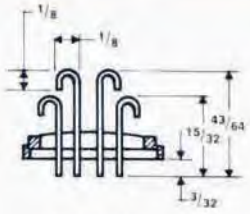




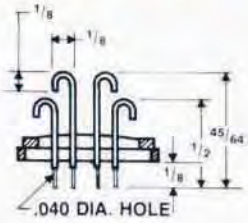
PS40



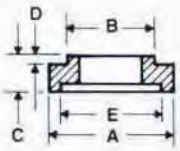
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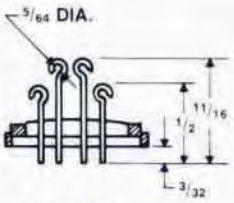


HS40

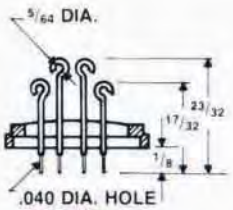


HP40

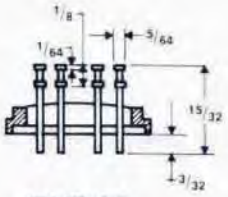




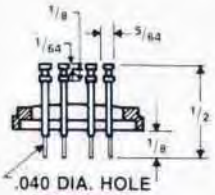
LS40



LP40



THS40

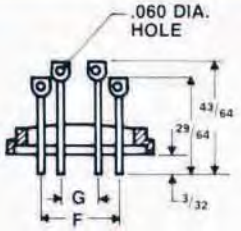


THP40

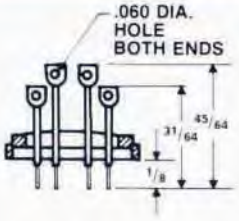
SOLID GLASS — .040 DIA. ELECTRODES

Body	A	B	C	D	E	F	G	Voltage R.M.S.	Types Available	Patterns Available
2732	.800	.770	.156	.062	.770	.375	—	2500	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
						.468	—	2200	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
						.498	.212	1800	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, 3
2784	.900	.831	.156	.062	.862	.468	—	2200	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
						.498	.212	1800	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, 3I
2785	1.000	.966	.156	.062	.966	.656	.312	2000	All Shown	15, 1A, 2A, 20A, 1B, 10B-21B, 16C, 4E, 3H

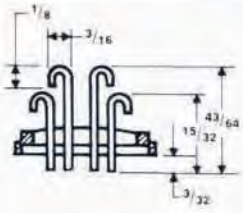




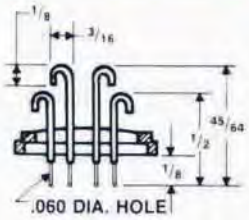
PS60



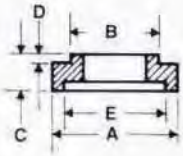
PP60

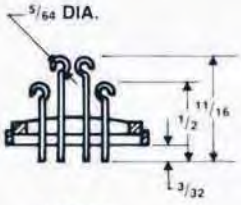


HS60

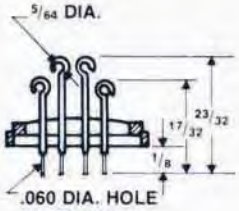


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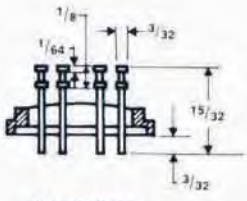




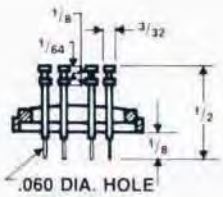
LS60



LP60



THS60

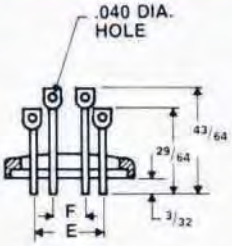


THP60

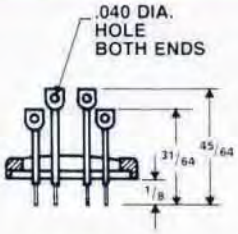
SOLID GLASS — .060 DIA. ELECTRODES

Body	A	B	C	D	E	F	G	Voltage R.M.S.	Types Available	Patterns Available
2732	.800	.770	.156	.062	.770	.375	—	1800	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H
						.468	—	1500	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H
						.498	.212	1800	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
2784	.900	.831	.156	.062	.862	.468	—	1500	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H
						.498	.212	1800	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
						.550	.250	1750	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
2785	1.000	.966	.156	.062	.966	.656	.312	1500	All Shown	15, 1A, 2A, 20A, 1B, 10B-21B, 16C, 4E, 3H

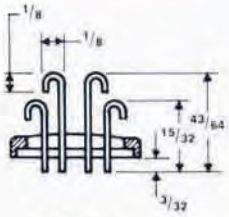




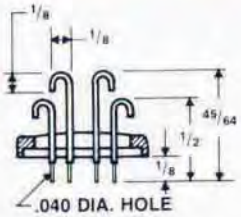
PS40



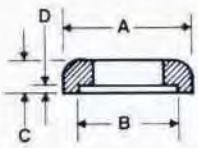
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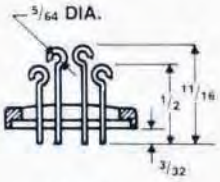


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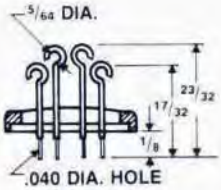


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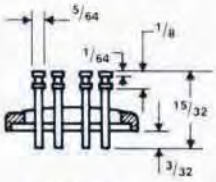




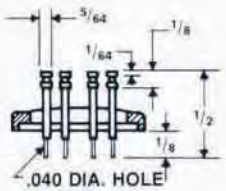
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THS40

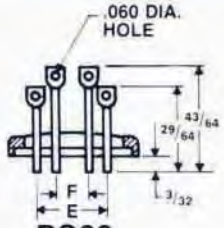


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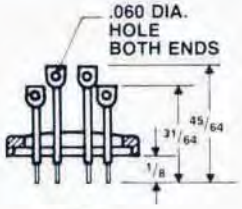
SOLID GLASS — .040 DIA. ELECTRODES

Body	A	B	C	D	E	F	Voltage R.M.S.	Types Available	Patterns Available
2752	.600	.570	.150	.045	.310	—	1800	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
					.310	.150	1800	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
2727	.800	.770	.145	.050	.468	—	2900	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
					.498	.212	2700	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
2722	.900	.870	.150	.045	.468	—	2200	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
					.498	.212	1800	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
27022	1.000	.970	.145	.045	.656	.312	2000	All Shown	15, 1A, 2A, 20A, 1B, 10B-21B, 16C, 4E, 3H

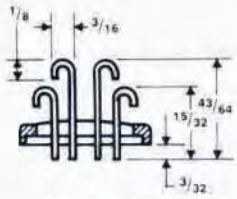




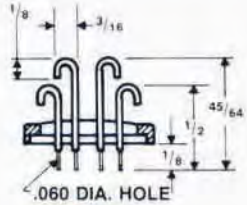
PS60



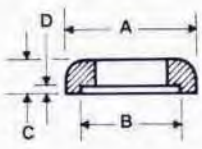
PP60

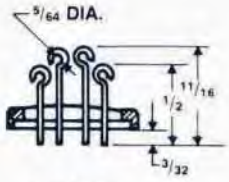


HS60

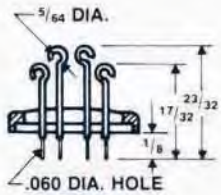


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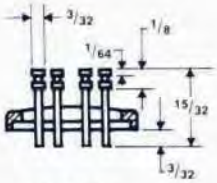




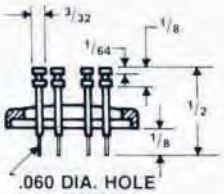
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LP60



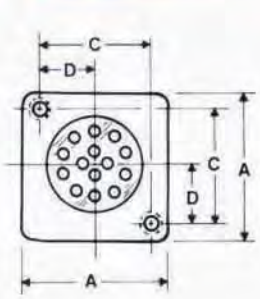
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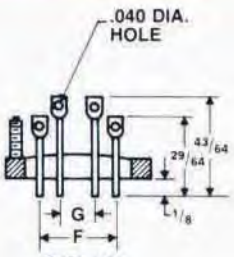


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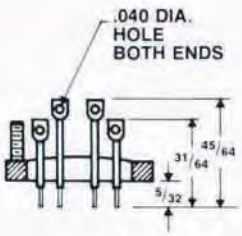
SOLID GLASS — .060 DIA. ELECTRODES

Body	A	B	C	D	E	F	Voltage R.M.S.	Types Available	Patterns Available
2752	.600	.570	.150	.045	.310	—	—	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H
2727	.800	.770	.145	.050	.498	.212	1800	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
2722	.900	.870	.150	.045	.468	—	1500	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H
					.498	.212	1800	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
27022	1.000	.970	.145	.045	.656	.312	1500	All Shown	15, 1A, 2A, 20A, 1B, 10B-21B, 16C, 4E, 3H

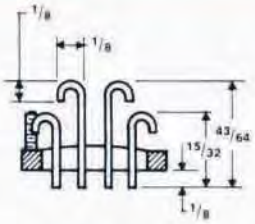




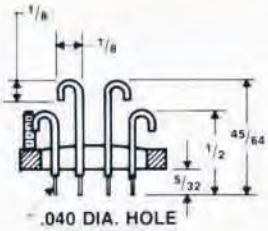
PS40



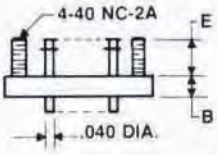
PP40

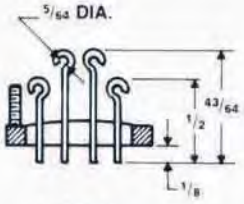


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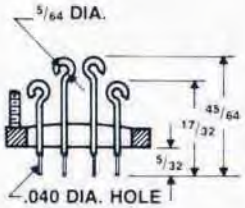


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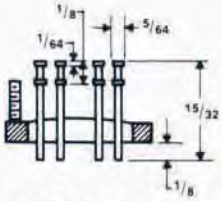




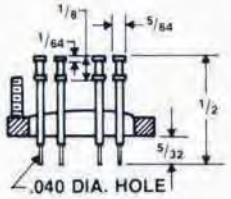
LS40



LP40



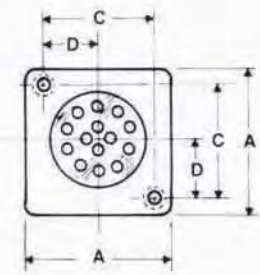
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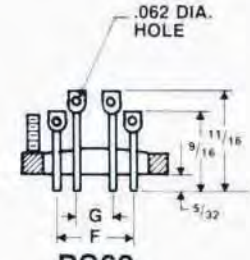


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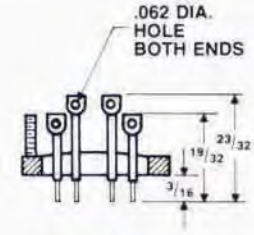
SOLID GLASS — .040 DIA. ELECTRODES

Body	A	B	C	D	E	F	G	Voltage R.M.S.	Types Available	Patterns Available
2815	.900	.094	.750	.375	.375	.468	—	2,200	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
						.468	.250	1,500	All Shown	11-14, 9A-13A, 9B, 11C, 12C, 11D, 12D, 11F
2827	.956	.075	.531	.265	.375	.375	—	1,500	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
2842	1.000	.094	.842	.421	.250	.468	—	2,200	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
						.468	.250	1,500	All Shown	11-14, 9A-13A, 9B, 11C, 12C, 11D, 12D, 11F

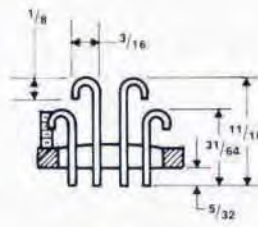




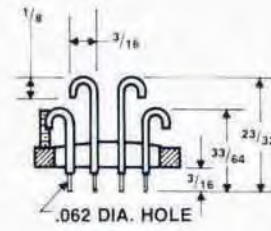
PS62



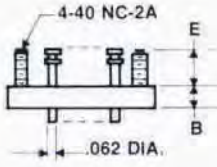
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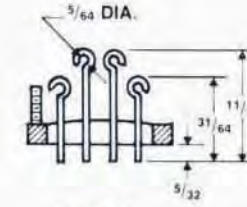


HS62

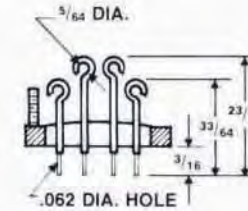


HP62

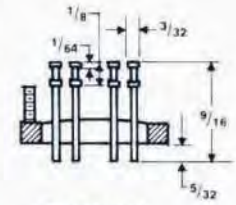




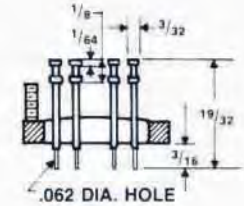
LS62



LP62



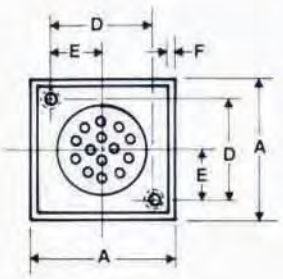
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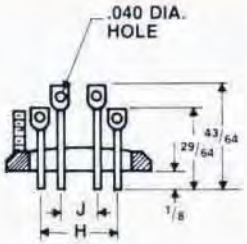


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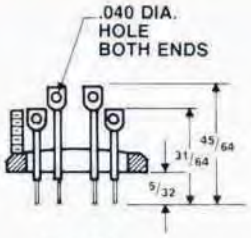
SOLID GLASS — .062 DIA. ELECTRODES

Body	A	B	C	D	E	F	G	Voltage R.M.S.	Types Available	Patterns Available
2815	.900	.094	.750	.375	.375	.468	—	1,500	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H
2827	.956	.075	.531	.265	.375	.375	—	1,800	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H
2842	1.000	.094	.842	.421	.250	.468	—	1,500	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H

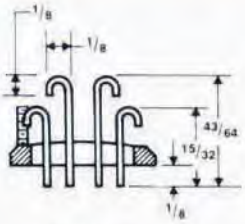




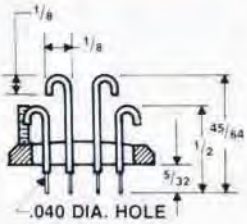
PS40



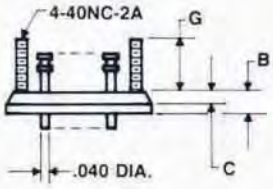
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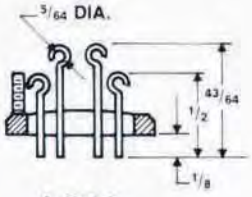


HS40

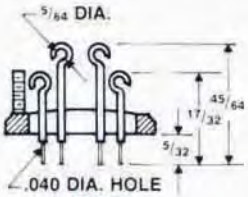


HP40

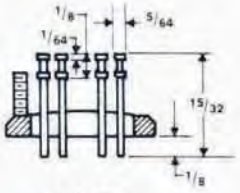




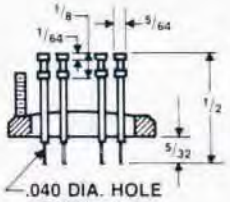
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LP40



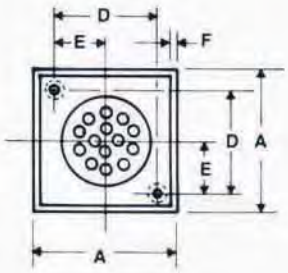
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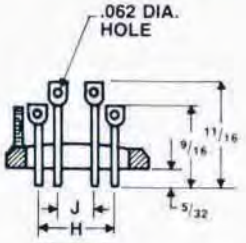


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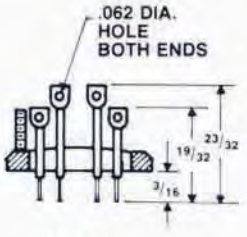
SOLID GLASS — .040 DIA. ELECTRODES

Body	A	B	C	D	E	F	G	H	J	Voltage R.M.S.	Types Available	Patterns Available
2809	.938	.093	.062	.750	.375	.031	.375	.468	—	2,200	ALL SHOWN	2-10, 1A-6A, 8A, 1B, 7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H
								.468	.250	1,500	ALL SHOWN	11-14, 9A-13A, 9B, 11C, 12C, 11D, 12D, 11F

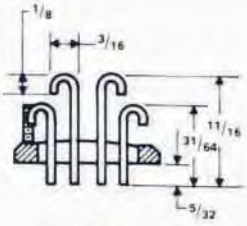




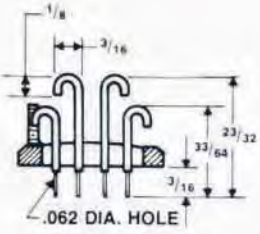
PS62



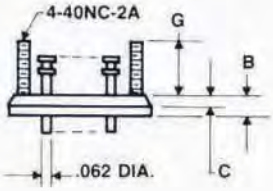
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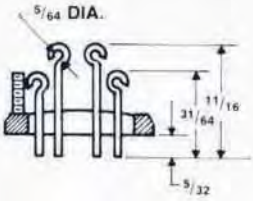


HS62

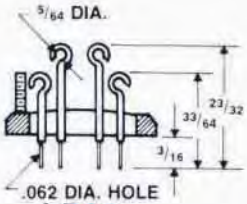


HP62

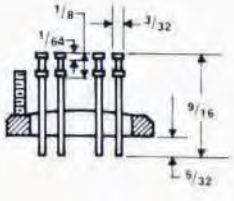




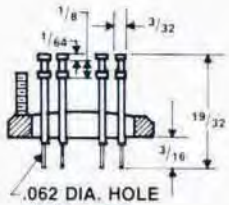
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LP62



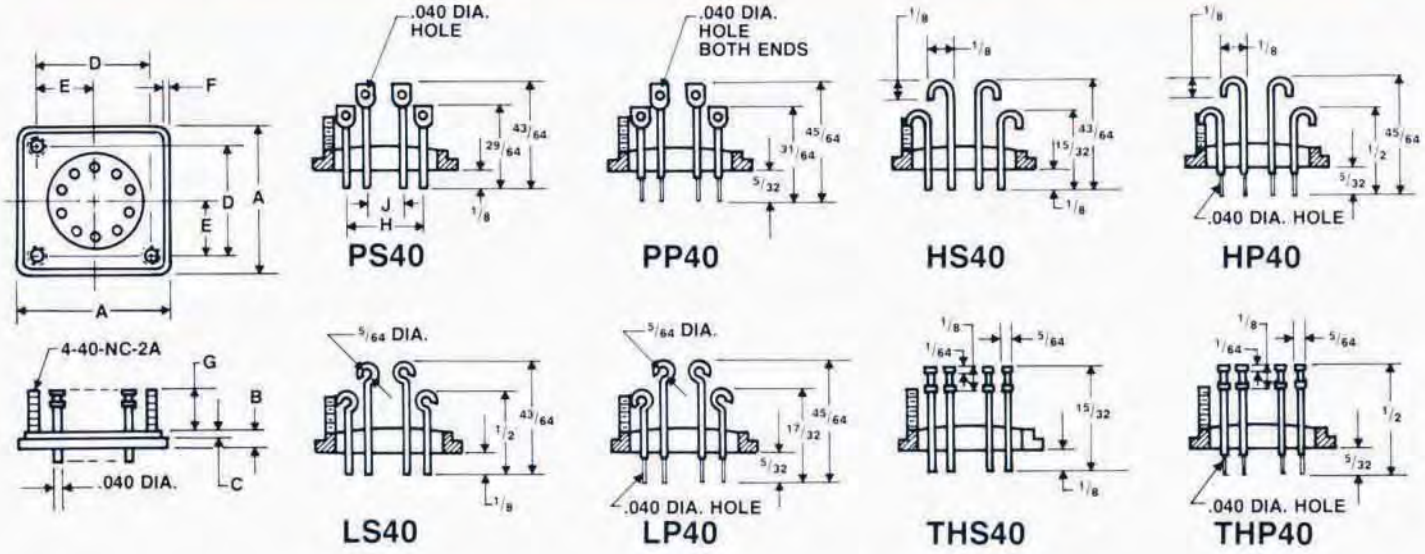
THS62



THP62

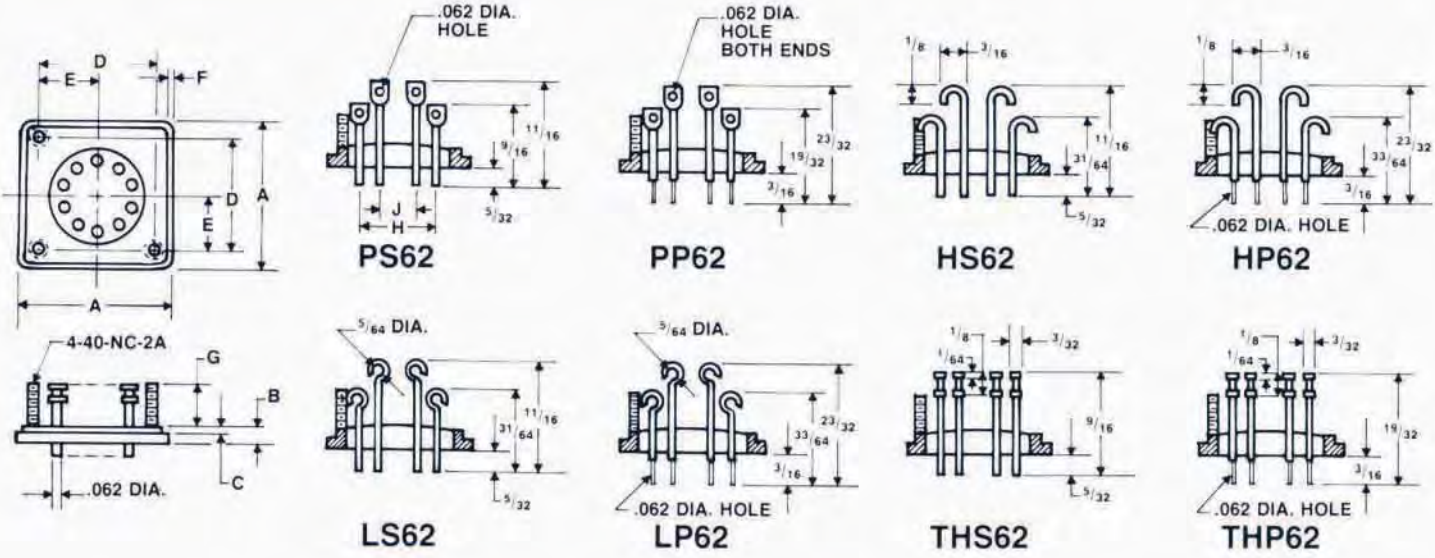
SOLID GLASS — .062 DIA. ELECTRODES

Body	A	B	C	D	E	F	G	H	J	Voltage R.M.S.	Types Available	Patterns Available
2809	.938	.093	.062	.750	.375	.031	.375	.468	—	1,500	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H



SOLID GLASS — .040 DIA. ELECTRODES

Body	A	B	C	D	E	F	G	H	J	Voltage R.M.S.	Types Available	Patterns Available
2853	.835	.093	.031	.620	.310	.031	.250	.375	—	1,500	All Shown	2-10, 1A-6A, 8A, 1B-7B, 2C-5C, 7C-9C, 6D, 3E, 5E, 6E, 3F, 5F, 3G, 5G, 11G, 3H



SOLID GLASS — .062 DIA. ELECTRODES

Body	A	B	C	D	E	F	G	H	J	Voltage R.M.S.	Types Available	Patterns Available
2853	.835	093	.031	.620	.310	.031	.250	375	—	1,800	All Shown	2-8, 1A-6A, 1B-7B, 2C-9C, 3E, 5E, 6E, 3F, 5F, 3G, 3H



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