

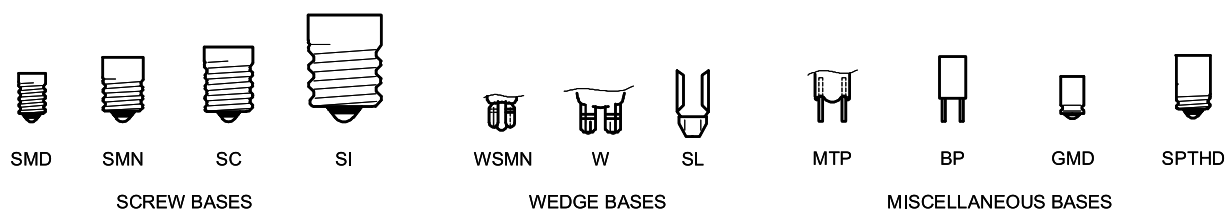
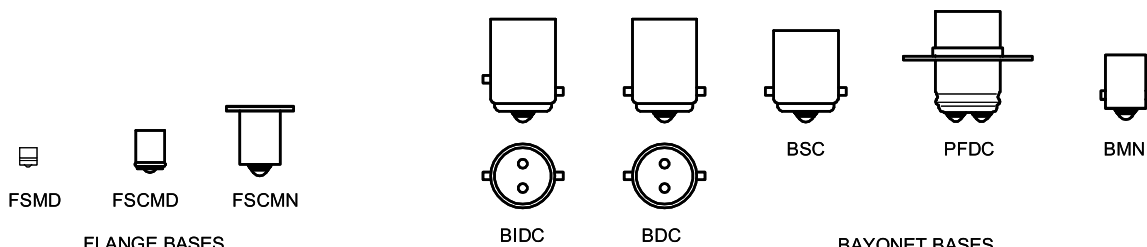
Table 7.20
Miniature Lamp Guide

HBK05_07-07



** Bulbs are described by a letter indicating shape and a number that is an approximation of diameter expressed in eighths of an inch. For example S - 8 is "S" shape, 8 eighths or 1 inch in diameter.

BULB STYLES



Lamp Base Legend	BDC	Bayonet, dual-contact	FSCMD	Flanged, midget single-contact	SI	Screw, intermediate
	BIDC	Bayonet, indexed dual-contact	FSMD	Flanged, submidget	SMD	Screw, midget
	BMN	Bayonet, miniature	GMD	Midget grooved	SMN	Screw, miniature
	BP	Bipin	MTP	Miniature two-pin	SPTH	Screw, special thread
	BSC	Bayonet, single-contact	PFDC	Prefocused dual-contact	W	Wedge
	FSCMN	Flanged, single-contact, miniature	SL	Slide (various sizes)	WSMN	Wedge, subminiature
			SC	Screw, candelabra	WT	Wire terminal

Type	Bulb	Base	V	A	Life	Type	Bulb	Base	V	A	Life
PR2	B-3 ¹ / ₂	FSCMN	2.38	0.500	15	82	G-6	BDC	6.50	1.020	500
PR3	B-3 ¹ / ₂	FSCMN	3.57	0.500	15	85	T-1 ³ / ₄	WSMN	28.00	0.040	7K
PR4	B-3 ¹ / ₂	FSCMN	2.33	0.270	10	86	T-1 ³ / ₄	WSMN	6.30	0.200	20K
PR6	B-3 ¹ / ₂	FSCMN	2.47	0.300	30	88	S-8	BDC	6.80	1.910	300
PR7	B-3 ¹ / ₂	FSCMN	3.70	0.300	30	93	S-8	BSC	12.80	1.040	700
PR12	B-3 ¹ / ₂	FSCMN	5.95	0.500	15	112	TL-3	SMN	1.20	0.220	5
PR13	B-3 ¹ / ₂	FSCMN	4.75	0.500	15	130	G-3 ¹ / ₂	BMN	6.30	0.150	5K
10	G-3 ¹ / ₂	MTP	2.50	0.500	3K	131	G-3 ¹ / ₂	SMN	1.30	0.100	50
12	G-3 ¹ / ₂	MTP	6.30	0.150	5K	158	T-3 ¹ / ₄	W	14.00	0.240	500
13	G-3 ¹ / ₂	SMN	3.70	0.300	15	159	T-3 ¹ / ₄	W	6.30	0.150	5K
14	G-3 ¹ / ₂	SMN	2.47	0.300	15	161	T-3 ¹ / ₄	W	14.00	0.190	4K
19	G-3 ¹ / ₂	MTP	14.4	0.100	1K	168	T-3 ¹ / ₄	W	14.00	0.350	1.5K
27	G-4 ¹ / ₂	SMN	4.90	0.300	30	219	G-3 ¹ / ₂	BMN	6.30	0.250	5K
37	T-1 ³ / ₄	WSMN	14.00	0.090	1.5K	222	TL-3	SMN	2.25	0.250	0.5
40	T-3 ¹ / ₄	SMN	6.30	0.150	3K	239	T-3 ¹ / ₄	BMN	6.30	0.360	5K
43	T-3 ¹ / ₄	BMN	2.50	0.500	3K	240	T-3 ¹ / ₄	BMN	6.30	0.360	5K
44	T-3 ¹ / ₄	BMN	6.30	0.250	3K	259	T-3 ¹ / ₄	W	6.30	0.250	5K
45	T-3 ¹ / ₄	BMN	3.20	0.350	3K	268	T-1 ³ / ₄	FSCMD	2.50	0.350	10K
46	T-3 ¹ / ₄	SMN	6.30	0.250	3K	305	S-8	BSC	28.00	0.510	300
47	T-3 ¹ / ₄	BMN	6.30	0.150	3K	307	S-8	BSC	28.00	0.670	300
48	T-3 ¹ / ₄	SMN	2.00	0.060	1K	308	S-8	BDC	28.00	0.670	300
49	T-3 ¹ / ₄	BMN	2.00	0.060	1K	313	T-3 ¹ / ₄	BMN	28.00	0.170	500
50	G-3 ¹ / ₂	SMN	7.50	0.220	1K	323	T-1 ¹ / ₄	SPTH	3.00	0.190	350
51	G-3 ¹ / ₂	BMN	7.50	0.220	1K	327	T-1 ³ / ₄	FSCMD	28.00	0.040	4K
52	G-3 ¹ / ₂	SMN	14.40	0.100	1K	327AS15	T-1 ³ / ₄	FSCMD	28.00	0.040	4K
53	G-3 ¹ / ₂	BMN	14.40	0.120	1K	328	T-1 ³ / ₄	FSCMD	6.00	0.200	1K
55	G-4 ¹ / ₂	BMN	7.00	0.410	500	330	T-1 ³ / ₄	FSCMD	14.00	0.080	1.5K
57	G-4 ¹ / ₂	BMN	14.00	0.240	500	331	T-1 ³ / ₄	FSCMD	1.35	0.060	3K
63	G-6	BSC	7.00	0.630	1K	334	T-1 ³ / ₄	GMD	28.00	0.040	4K
73	T-1 ³ / ₄	WSMN	14.00	0.080	15K	335	T-1 ³ / ₄	SMD	28.00	0.040	4K
74	T-1 ³ / ₄	WSMN	14.00	0.100	500	336	T-1 ³ / ₄	GMD	14.00	0.080	1.5K

Type	Bulb	Base	V	A	Life	Type	Bulb	Base	V	A	Life
337	T-1 ^{3/4}	GMD	6.00	0.200	1K	1866	T-3 ^{1/4}	BMN	6.30	0.250	5K
338	T-1 ^{3/4}	FSCMD	2.70	0.060	6K	1869	T-1 ^{3/4}	WT	10.00	0.014	50K
342	T-1 ^{3/4}	SMD	6.00	0.040	10K	1891	T-3 ^{1/4}	BMN	14.00	0.240	500
344	T-1 ^{3/4}	FSCMD	10.00	0.014	50K	1892	T-3 ^{1/4}	BMN	14.40	0.120	1K
345	T-1 ^{3/4}	FSCMD	6.00	0.040	10K	1893	T-3 ^{1/4}	BMN	14.00	0.330	7.5K
346	T-1 ^{3/4}	GMD	18.00	0.040	10K	1895	G-4 ^{1/2}	BMN	14.00	0.270	2K
349	T-1 ^{3/4}	FSCMD	6.30	0.200	5K	2102	T-1 ^{3/4}	WT	18.00	0.040	10K
370	T-1 ^{3/4}	FSCMD	18.00	0.040	10K	2107	T-1 ^{3/4}	WT	10.00	0.040	5K
373	T-1 ^{3/4}	SMD	14.00	0.080	1.5K	2158	T-1 ^{3/4}	WT	3.00	0.015	10K
375	T-1 ^{3/4}	FSCMD	3.00	0.015	10K	2162	T-1 ^{3/4}	WT	14.00	0.100	10K
376	T-1 ^{3/4}	FSCMD	28.00	0.060	25K	2169	T-1 ^{3/4}	WT	2.50	0.350	20K
380	T-1 ^{3/4}	FSCMD	6.30	0.040	20K	2180	T-1 ^{3/4}	WT	6.30	0.040	20K
381	T-1 ^{3/4}	FSCMD	6.30	0.200	20K	2181	T-1 ^{3/4}	WT	6.30	0.200	20K
382	T-1 ^{3/4}	FSCMD	14.00	0.080	15K	2182	T-1 ^{3/4}	WT	14.00	0.080	40K
385	T-1 ^{3/4}	FSCMD	28.00	0.040	10K	2187	T-1 ^{3/4}	WT	28.00	0.040	7K
386	T-1 ^{3/4}	GMD	14.00	0.080	15K	2304	T-1 ^{3/4}	BP	3.00	0.300	1.5K
387	T-1 ^{3/4}	FSCMD	28.00	0.040	7K	2307	T-1 ^{3/4}	BP	6.30	0.200	5K
388	T-1 ^{3/4}	GMD	28.00	0.040	7K	2314	T-1 ^{3/4}	BP	28.00	0.050	1K
397	T-1 ^{3/4}	GMD	10.00	0.040	5K	2316	T-1 ^{3/4}	BP	18.00	0.040	10K
398	T-1 ^{3/4}	GMD	6.30	0.200	5K	2324	T-1 ^{3/4}	BP	28.00	0.040	4K
399	T-1 ^{3/4}	SMD	28.00	0.040	7K	2335	T-1 ^{3/4}	BP	14.00	0.080	15K
502	G-4 ^{1/2}	SMN	5.10	0.150	100	2337	T-1 ^{3/4}	BP	6.30	0.200	20K
555	T-3 ^{1/4}	W	6.30	0.250	3K	2342	T-1 ^{3/4}	BP	28.00	0.040	25K
656	T-3 ^{1/4}	W	28.00	0.060	2.5K	3149	T-1 ^{3/4}	BP	5.00	0.060	5K
680AS15	T-1	WT	5.00	0.060	60K	6803AS25	T-3 ⁴	WT	5.00	0.060	60K
682AS15	T-1	FSMD	5.00	0.060	60K	6833AS15	T-3 ⁴	WT	5.00	0.060	25K
683AS15	T-1	WT	5.00	0.060	25K	6838	T-1	WT	28.00	0.024	4K
685AS15	T-1	FSMD	5.00	0.060	25K	6839	T-1	FSMD	28.00	0.024	4K
715AS15	T-1	WT	5.00	0.115	40K	7001	T-1 ^{3/4}	BP	24.00	0.050	2K
715AS25	T-1	WT	5.00	0.115	40K	7003	T-1 ^{3/4}	BP	24.00	0.050	2K
718AS25	T-1	FSMD	5.00	0.115	40K	7153AS15	T-3 ⁴	WT	5.00	0.115	40K
755	T-3 ^{1/4}	BMN	6.30	0.150	20K	7265	T-1	BP	5.00	0.060	5K
756	T-3 ^{1/4}	BMN	14.00	0.080	15K	7327	T-1 ^{3/4}	BP	28.00	0.040	4K
757	T-3 ^{1/4}	BMN	28.00	0.080	7.5K	7328	T-1 ^{3/4}	BP	6.00	0.200	1K
1034	S-8	BIDC	14.00	0.590	5K	7330	T-1 ^{3/4}	BP	14.00	0.080	1.5K
1073	S-8	BSC	12.80	1.800	200	7344	T-1 ^{3/4}	BP	10.00	0.014	50K
1130	S-8	BDC	6.40	2.630	200	7349	T-1 ^{3/4}	BP	6.30	0.200	5K
1133	RP-11	BSC	6.20	3.910	200	7361	T-1 ^{3/4}	BP	5.00	0.060	25K
1141	S-8	BSC	12.80	1.440	1K	7362	T-1 ^{3/4}	BP	5.00	0.115	40K
1143	RP-11	BSC	12.50	1.980	400	7367	T-1 ^{3/4}	BP	10.00	0.040	5K
1184	RP-11	BDC	5.50	6.250	100	7370	T-1 ^{3/4}	BP	18.00	0.040	10K
1251	G-6	BSC	28.00	0.230	2K	7371	T-1 ^{3/4}	BP	12.00	0.040	10K
1445	G-3 ^{1/2}	BMN	14.40	0.130	2K	7373	T-1 ^{3/4}	BP	14.00	0.100	10K
1487	T-3 ^{1/4}	SMN	14.00	0.200	3K	7374	T-1 ^{3/4}	BP	28.00	0.040	10K
1488	T-3 ^{1/4}	BMN	14.00	0.150	200	7375	T-1 ^{3/4}	BP	3.00	0.015	10K
1490	T-3 ^{1/4}	BMN	3.20	0.160	3K	7376	T-1 ^{3/4}	BP	28.00	0.065	10K
1493	S-8	BDC	6.50	2.750	100	7377	T-1 ^{3/4}	BP	6.30	0.075	1K
1619	S-8	BSC	6.70	1.900	500	7380	T-1 ^{3/4}	BP	6.30	0.040	30K
1630	S-8	PFDC	6.50	2.750	100	7381	T-1 ^{3/4}	BP	6.30	0.200	20K
1691	S-8	BSC	28.00	0.610	1K	7382	T-1 ^{3/4}	BP	14.00	0.080	15K
1705	T-1 ^{3/4}	WT	14.00	0.080	1.5K	7387	T-1 ^{3/4}	BP	28.00	0.040	7K
1728	T-1 ^{3/4}	WT	1.35	0.060	3K	7410	T-1 ^{3/4}	BP	14.00	0.080	15K
1730	T-1 ^{3/4}	WT	6.00	0.040	20K	7839	T-1	BP	28.00	0.025	4K
1738	T-1 ^{3/4}	WT	2.70	0.060	6K	7876	T-1 ^{3/4}	BP	28.00	0.060	25K
1762	T-1 ^{3/4}	WT	28.00	0.040	4K	7931	T-1 ^{3/4}	BP	1.35	0.060	3K
1764	T-1 ^{3/4}	WT	28.00	0.040	4K	7945	T-1 ^{3/4}	BP	6.00	0.040	20K
1767	T-1 ^{3/4}	SMD	2.50	0.200	500	7968	T-1 ^{3/4}	BP	2.50	0.200	500
1768	T-1 ^{3/4}	SMD	6.00	0.200	1K	8099	T-1	BP	18.00	0.020	16K
1775	T-1 ^{3/4}	SMD	6.30	0.075	1K	8362	T-1 ^{3/4}	SMD	14.00	0.080	15K
1813	T-3 ^{1/4}	BMN	14.40	0.100	1K	8369	T-1 ^{3/4}	SMD	28.00	0.065	10K
1815	T-3 ^{1/4}	BMN	14.00	0.200	3K						
1816	T-3 ^{1/4}	BMN	13.00	0.330	1K						
1818	T-3 ^{1/4}	BMN	24.00	0.170	250						
1819	T-3 ^{1/4}	BMN	28.00	0.040	2.5K						
1820	T-3 ^{1/4}	BMN	28.00	0.100	1K						
1821	T-3 ^{1/4}	SMN	28.00	0.170	500						
1822	T-3 ^{1/4}	BMN	36.00	0.100	1K						
1828	T-3 ^{1/4}	BMN	37.50	0.050	3K						
1829	T-3 ^{1/4}	BMN	28.00	0.070	1K						
1835	T-3 ^{1/4}	BMN	55.00	0.050	5K						
1847	T-3 ^{1/4}	BMN	6.30	0.150	5K						
1850	T-3 ^{1/4}	BMN	5.00	0.090	1.5K						
1864	T-3 ^{1/4}	BMN	28.00	0.170	1.5K						

(continued on next page)

Standard Line-Voltage Lamps

Type	V	W	Bulb	Base
10C7DC	115-125	10	C-7	BDC
3S6	120, 125	3	S-6	SC
6S6	30, 48, 115, 120, 125, 130, 135, 145, 155	6	S-6	SC
6S6/R	115-125	6	S-6 (red)	SC
6S6/W	115-125	6	S-6 (white)	SC
6T4-1/2	120, 130	6	T-4 1/2	SC
7C7	115-125	7	C-7	SC
7C7/W	115-125	7	C-7 (white)	SC
10C7	115-125	10	C-7	SC
10S6	120	10	S-6	SC
10S6/10	220, 230, 250	10	S-6	SC
6S6DC	30, 120, 125, 145	6	S-6	BDC
10S6/10DC	230, 250	10	S-6	BDC
40S11 N	115-125	40	S-11	SI
120MB	120	3	T-2 1/2	BMN
120MB/6	120	6	T-2 1/2	BMN
120PSB	120	3	T-2	SL
120PS	120	3	T-2	WT
120PS/6	120	6	T-2 1/2	WT

Indicator Lamps

Each has a T-2 bulb and a slide base.

Type	V	A	Life
6PSB	6.00	0.140	20K
12PSB	12.00	0.170	12K
24PSB	24.00	0.073	10K
28PSB	28.00	0.040	5K
48PSB	48.00	0.050	10K
60PSB	60.00	0.050	7.5K
120PSB	120.00	0.025	7.5K

Neon Glow Lamps

Operating circuit voltage 105-125

Type	Breakdown Voltage			Base	W	External Resistance
	AC	DC	Bulb			
NE-2	65	90	T-2	WT	1/12	150k
NE-2A	65	90	T-2	WT	1/15	100k
NE-2D	65	90	T-2	FSCMD	1/12	100k
NE-2E	65	90	T-2	WT	1/12	100k
NE-2H	95	135	T-2	WT	1/4	30k
NE-2J	95	135	T-2	FSCMD	1/4	30k
NE-2V	65	90	T-2	WT	1/2	100k
NE-45	65	90	T-4 1/2	SC	1/4	None
NE-51	65	90	T-3 1/4	BMN	1/25	220k
NE-51H	95	135	T-3 1/4	BMN	1/7	47k
NE-84	95	135	T-2	SL	1/4	30k
NE-120PSB	95	95	T-2	SL	1/4	None