



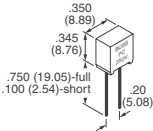
## PC-TRON® Subminiature Fuses

**Characteristics:** • Offers short-circuit performance which until now could only be found in much larger size glass tube fuses. At 250Vac, the 1/2 to 3 amp PC-Tron can safely interrupt 50 amperes; at 125Vac the 1/2 to 5 amp versions can interrupt 10,000 amperes. This makes the PC-Tron subminiature fuse ideal for line-side protection of power supplies.

**Time Current:** • Carry 100% of rating for 4 hours minimum; open at 200% of rating in 10 seconds maximum

**Construction Material:** • Body: High temperature plastic • Leads: Tin plated copper

**Agency Approvals:** • UL Recognized and CSA Certified



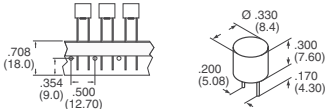
Current Rating	Rated Voltage AC/DC	Digi-Key Part No.	1	10	100
<b>PCB-R Series - Full Lead Length — RoHS Compliant</b>					
1/2A	250/450	283-2757-ND	2.24	2.14	1.56
1A		283-2756-ND	2.24	2.14	1.56
1-1/2A		283-2758-ND	2.24	2.14	1.56
2A		283-2759-ND	2.24	2.14	1.56
2-1/2A		283-2760-ND	2.24	2.14	1.56
3A		283-2761-ND	2.24	2.14	1.56
<b>PCB-R Series - Short Lead Length — RoHS Compliant</b>					
1/2A	250/450	283-2764-ND	2.24	2.14	1.56
3/4A		283-2769-ND	3.12	2.98	2.16
1A		283-2763-ND	2.24	2.14	1.56
1-1/2A		283-2765-ND	2.24	2.14	1.56
2A		283-2766-ND	2.24	2.14	1.56
3A		283-2768-ND	2.24	2.14	1.56
<b>PCE-R Series - Short Lead Length — RoHS Compliant</b>					
5A	125/250	283-2770-ND	2.24	2.14	1.56
<b>Full Lead Length</b>					
1A	250/450	283-2113-ND	2.76	2.55	1.92

## Time-Delay Radial Fuses — SR-5 Series IEC 60127-3

**Description:** • Place directly into PCB or plug into BK/PCS holder (283-2356-ND)

**Characteristics:** • Rated Current value 400mA ~ 5A carry 200% for 2 minutes maximum; 275% for 400 milliseconds minimum and 10 seconds maximum; 400% for 150 milliseconds minimum, 3 seconds maximum; 1000% for 20 milliseconds minimum and 150 milliseconds maximum

**Agency Information:** • UL Recognition: E146895 • CSA: LR98127 • VDE: 122052 • SEMKO: 9914133 • MITI: 32-1966



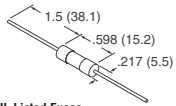
Amp-erage	Current Rating	Rated Voltage (AC/DC)	Digi-Key Part No.	1	10	100
<b>SR-5 Series - Bulk Pack</b>						
500mA	250V	35A	283-2578-ND	1.27	1.21	.88
630mA		35A	283-2579-ND	1.27	1.21	.88
800mA		35A	283-2580-ND	1.27	1.21	.88
1A		35A	283-2581-ND	1.27	1.21	.88
1.25A		35A	283-2582-ND	1.27	1.21	.88
1.6A		35A	283-2583-ND	1.27	1.21	.88
2A	250V	35A	283-2584-ND	1.27	1.21	.88
2.5A		35A	283-2585-ND	1.27	1.21	.88
3.15A		35A	283-2586-ND	1.27	1.21	.88
4A		40A	283-2587-ND	1.27	1.21	.88
5A		50A	283-2588-ND	1.27	1.21	.88

## Fast-Acting and Time-Delay Glass Fuses — C518 Series .205" x .591" (5 x 15mm)

**Construction Material:** • Endcaps: Silver-plated brass • Leads: Tin-plated copper

• Tube: Glass

**Agency Approvals:** UL Listed (125mA-4A), CSA Component Acceptance (125mA-4A)



Limits for Pre-arriving Time/UL Listed Fuses

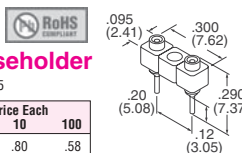
Amp Rating	135%	110%	200%
	Maximum	Minimum	Minimum
125mA - 7A	1 hour	4 hour	— 2 seconds

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	5	Price Each 100	250
<b>C518 Series (Axial) Fast-Acting</b>					
750mA	250	283-2364-ND	1.61	1.17	1.04

## Radial PCB Mount Fuseholder

For use with PC-Tron® SRS, SSS

Digi-Key Part No.	1	Price Each 10	100
283-2356-ND	84	.80	.58



## MCRW Microtron® Fuses

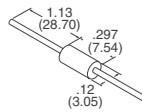
**Characteristics:** • Fast-Acting • Current-Limiting

**Time Current Characteristics:** Rated current values 0-10 amps carry 100% of rating for 4 hours minimum; open at 200% of rating in 5 seconds maximum.

**Construction Material:** • Body: High temperature thermoplastic, flammability rating UL 94V

• Element: Wire-in-air design • Leads: Tin-plated copper, .64mm (.025") diameter

**Agency Approvals:** UL Recognized (1/16-10A), CSA Component Acceptance (1/16-10A)



Current Rating	Rated Voltage (AC)	Digi-Key Part No.	5	Price Each 100	250
1/8mA	125/125	283-2069-ND	1.01	.74	.65
1/4mA		283-2070-ND	1.01	.74	.65
1/2A		283-2072-ND	.97	.70	.62
3/4A		283-2073-ND	1.01	.74	.65
1A		283-2074-ND	1.01	.74	.65
1-1/2A		283-2075-ND	1.01	.74	.65
2A	125/125	283-2076-ND	1.01	.74	.65
3A		283-2078-ND	1.01	.74	.65
4A		283-2080-ND	1.01	.74	.65
5A		283-2081-ND	1.01	.74	.65
7A		283-2082-ND	1.01	.74	.65
10A		283-2083-ND	1.01	.74	.65

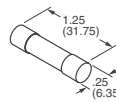
## AGC Fast-Acting and MDL Time-Delay Glass Fuses 1/4" x 1-1/4" (6.35 x 31.75mm)

**Time Current Characteristics:** Rated current values 0-30 amps carry 110% of rating for 4 hours minimum; open at 135% of rating in 60 minutes maximum or 200% of rating in 120 seconds maximum

**Construction Material:** • Tube: Glass • Endcaps: Nickel-plated brass

**Agency Approvals:** AGC Fast-Acting: UL Recognized (15-30A), UL Listed (1/4-10A) and CSA Component Acceptance (1/4-30A)

**MDL Time-Delay:** UL Listed (1/4-8A), UL Recognized (9-30A), and CSA Component Acceptance (1/4-8A)



Current Rating	Rated Voltage (AC)	Digi-Key Part No.	1	10	100
<b>AGC-R Fast-Acting — RoHS Compliant</b>					
1/4A	250	283-2621-ND	1.17	1.08	.81
3/10A	250	283-2630-ND	1.17	1.08	.81
1/2A	250	283-2620-ND	.54	.52	.38
3/4A	250	283-2631-ND	.54	.50	.38
1A	250	283-2619-ND	.34	.33	.24
1-1/4A	250	283-2624-ND	.34	.33	.24
1-1/2A	250	283-2623-ND	.34	.33	.24
2A	250	283-2626-ND	.34	.32	.24
2-1/2A	250	283-2628-ND	.34	.32	.24
3A	250	283-2629-ND	.34	.32	.24
4A	250	283-2634-ND	.53	.49	.37
5A	250	283-2635-ND	.53	.49	.37
6A	250	283-2636-ND	.53	.49	.37
7A	250	283-2637-ND	.53	.49	.37
8A	250	283-2638-ND	.62	.58	.43
10A	250	283-2622-ND	.62	.60	.43
15A	32	283-2625-ND	.37	.36	.26
20A	32	283-2627-ND	.37	.35	.26
25A	32	283-2868-ND	.48	.46	.34
30A	32	283-2633-ND	.37	.35	.26

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	1.18	1.13	.82
<b>MDL-R Time-Delay — RoHS Compliant</b>					
1/4A	250	283-2735-ND	1.18	1.13	.82
3/8A	250	283-2748-ND	1.18	1.13	.82
1/2A	250	283-2734-ND	.85	.82	.60
3/4A	250	283-2747-ND	.85	.82	.60
1A	250	283-2733-ND	.85	.82	.60
1-1/4A	250	283-2738-ND	.85	.79	.60
1-1/2A	250	283-2737-ND	.85	.79	.60
2A	250	283-2741-ND	.85	.82	.60
2-1/2A	250	283-2743-ND	.85	.82	.60
3A	250	283-2745-ND	.85	.82	.60
3-1/2A	250	283-2750-ND	.85	.82	.60
4A	250	283-2751-ND	.85	.82	.60
5A	250	283-2752-ND	.85	.82	.60
6-1/4A	250	283-2753-ND	.85	.82	.60
7A	250	283-2754-ND	.85	.82	.60
8A	250	283-2755-ND	.85	.82	.60
10A	32	283-2736-ND	1.26	1.17	.88
12A	32	283-2739-ND	1.26	1.21	.88
15A	32	283-2740-ND	1.26	1.21	.88
20A	32	283-2742-ND	1.26	1.21	.88

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	5	Price Each 100	250
<b>AGC Fast-Acting</b>					
30A	32	283-2031-ND	.65	.48	.42
<b>MDL Time-Delay</b>					
3/8A	250	283-2169-ND	1.72	1.25	1.11

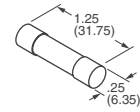
## ABC Fast-Acting and MDA Time-Delay Ceramic Fuses 1/4" x 1-1/4" (6.35 x 31.75mm)

**Time Current Characteristics:** Rated current values 0-30 amps carry 110% of rating for 4 hours minimum; open at 135% of rating in 60 minutes maximum or 200% of rating in 120 seconds maximum

**Construction Material:** • Ceramic • Endcaps: Nickel-plated brass

**Agency Approvals:** • ABC Fast-Acting: UL Listed (1/2-15A), UL Recognized (20A), and CSA Certification (1/2-15A)

• MDL Time-Delay: UL Listed (1/2-20A), CSA Certified (1/2-15A)

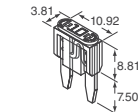


Current Rating	Rated Voltage (AC)	Digi-Key Part No.	1	10	100
<b>ABC-R Fast-Acting</b>					
1/2A	250	283-2606-ND	2.06	1.97	1.43
1A	250	283-2605-ND	.90	.86	.63
2A	250	283-2610-ND	.90	.86	.63
3A	250	283-2612-ND	.90	.86	.63
4A	250	283-2615-ND	.90	.86	.63
5A	250	283-2616-ND	.78	.66	.54
6A	250	283-2617-ND	.86	.82	.60
8A	250	283-2618-ND	.86	.82	.60
10A	250	283-2607-ND	.86	.82	.60
12A	250	283-2608-ND	.86	.82	.60
15A	250	283-2609-ND	.86	.82	.60
20A	250	283-2611-ND	1.24	1.05	.86
25A	125	283-2867-ND	1.42	1.36	.99
30A	125	283-2614-ND	1.42	1.32	.99
<b>MDA-R Time-Delay</b>					
1/2A	250	283-2721-ND	1.47	1.24	1.02
1A	250	283-2720-ND	1.47	1.36	1.02
2A	250	283-2725-ND	1.47	1.36	1.02
3A	250	283-2727-ND	1.47	1.36	1.02
4A	250	283-2729-ND	1.47	1.36	1.02
5A	250	283-2730-ND	1.47	1.36	1.02
6A	250	283-2731-ND	1.47	1.36	1.02
8A	250	283-2732-ND	1.47	1.36	1.02
10A	250	283-2722-ND	1.47	1.36	1.02
12A	250	283-2723-ND	1.47	1.36	1.02
15A	250	283-2724-ND	1.47	1.36	1.02
20A	250	283-2726-ND	1.68	1.56	1.17
30A	250	283-2728-ND	1.47	1.36	1.02

## ATM Mini Blade-Type Automotive Fuses

**Rated Voltage:** • 32 Vdc **Interrupting Rating:** • 1,000A

**Characteristics:** • Fast-Acting

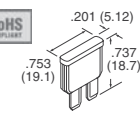


Current Rating	Color Code	Digi-Key Part No.	5	Price Each 100	250
2A	Gray	283-2323-ND	.95	.69	.61
4A	Pink	283-2325-ND	.95	.69	.61
7.5A	Brown	283-2327-ND	.95	.69	.61
10A	Red	283-2328-ND	.95	.69	.61
20A	Yellow	283-2330-ND	.95	.69	.61
30A	Green	283-2332-ND	.95	.69	.61

## ATC® Blade-Type Automotive Fuses

**Rated Voltage:** • 32 Vdc **Characteristics:** • Fast-Acting

**Agency Approvals:** • UL Recognized (3-40A)





## Metric Ferrule Fuses — IEC Standard .205" x .787" (5 x 20mm)

Limits for Pre-arcing Time/UL Listed Fuses.

IEC 60127-2

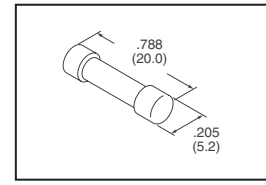
**Construction Material:** • Tube: Ceramic, S501-R (GDA Series); Glass, S500-R (GDB Series) and S506-R (GDC Series) • End Caps: Nickel or silver-plated brass

**Agency Approvals:** S501-R (GDA Series): VDE (4 & 6.3A), Semko (400mA - 6.3A), IMQ (2 - 6.3A) and UL Recognized (400mA - 6.3A)

**S500-R (GDB Series) and S506-R (GDC Series):**

BSI (100mA - 6.3A), VDE (100mA - 6.3A), Semko (100mA - 400mA, 800mA - 6.3A), IMQ (100mA - 6.3A) and UL Recognized (100mA - 6.3A)

Amp Rating	150%		275%		400%		1000%	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
<b>S501-R (GDA Series)</b>								
100mA - 3.15A	60min.	30min.	10ms. - 2sec.		3ms. - 300ms.		20ms. (Max.)	
4A - 6.3A	60min.	30min.	10ms. - 3sec.		3ms. - 300ms.		20ms. (Max.)	
<b>S500-R (GDB Series)</b>								
100mA	60min.	30min.	10ms. - 500ms.		3ms. - 100ms.		20ms. (Max.)	
125mA - 6.3A	60min.	30min.	50ms. - 2sec.		10ms. - 300ms.		20ms. (Max.)	
8A - 10A	60min.	30min.	—		—		40ms. (Max.)	
<b>S506-R (GDC Series)</b>								
100mA	60min.	2min.	200ms. - 10sec.		40ms. - 3sec.		10ms. - 300ms.	
125mA - 6.3A	60min.	2min.	600ms. - 10sec.		150ms. - 3sec.		20ms. - 300ms.	



Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
<b>S501-R (GDA Series)† - Fast-Acting, High Breaking</b>					
<b>RoHS Compliant</b>					
100mA	250	283-2659-ND	1.53	1.46	1.06
160mA	250	283-2660-ND	1.53	1.46	1.06
500mA	250	283-2667-ND	1.27	1.22	.88
2A	250	283-2663-ND	1.27	1.22	.88
2.5A	250	283-2662-ND	1.27	1.22	.88
3.15A	250	283-2664-ND	1.27	1.22	.88
4A	250	283-2666-ND	1.27	1.22	.88
5A	250	283-2668-ND	1.27	1.18	.88
6.3A	250	283-2669-ND	1.27	1.22	.88
<b>S500-R (GDB Series)‡ - Fast-Acting, Low Breaking</b>					
<b>RoHS Compliant</b>					
100mA	250	283-2674-ND	1.54	1.47	1.07
125mA	250	283-2676-ND	1.54	1.47	1.07
160mA	250	283-2677-ND	.87	.84	.61
250mA	250	283-2680-ND	.87	.84	.61
315mA	250	283-2683-ND	.87	.84	.61
500mA	250	283-2685-ND	.27	.26	.19
630mA	250	283-2688-ND	.27	.26	.19
800mA	250	283-2689-ND	.27	.26	.19
1A	250	283-2678-ND	.27	.26	.19

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
1.25A	250	283-2672-ND	.27	.26	.19
1.6A	250	283-2673-ND	.27	.26	.19
2A	250	283-2681-ND	.27	.26	.19
2.5A	250	283-2679-ND	.27	.26	.19
3.15A	250	283-2682-ND	.27	.26	.19
4A	250	283-2684-ND	.27	.26	.19
5A	250	283-2686-ND	.27	.26	.19
6.3A	250	283-2687-ND	.27	.26	.19
8A	250	283-2690-ND	.99	.95	.69
10A	250	283-2675-ND	.99	.95	.69
<b>S506-R (GDC Series)‡ - Time-Delay, Low Breaking</b>					
<b>RoHS Compliant</b>					
100mA	250	283-2693-ND	1.16	1.08	.81
125mA	250	283-2694-ND	1.16	1.08	.81
125mA	250	283-2694-ND	1.16	1.08	.81
160mA	250	283-2695-ND	1.16	1.11	.81
250mA	250	283-2698-ND	1.16	1.08	.81
315mA	250	283-2701-ND	1.16	1.08	.81
400mA	250	283-2702-ND	1.16	1.11	.81
500mA	250	283-2704-ND	.84	.80	.59
630mA	250	283-2707-ND	.84	.80	.59

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
800mA	250	283-2708-ND	.84	.80	.59
1A	250	283-2696-ND	.84	.78	.59
1.25A	250	283-2691-ND	.84	.78	.59
1.6A	250	283-2692-ND	.84	.78	.59
2A	250	283-2699-ND	.84	.78	.59
2.5A	250	283-2697-ND	.84	.78	.59
3.15A	250	283-2700-ND	.84	.78	.59
4A	250	283-2703-ND	.84	.78	.59
5A	250	283-2705-ND	.84	.80	.59
6.3A	250	283-2706-ND	.84	.80	.59

† S501 is a European designation. GDA is a North America designation, identical product.

‡ S500 is a European designation. GDA is a North America designation, identical product.

‡ S506 is a European designation. GDA is a North America designation, identical product.

◇ IEC Standard 127 Sheet II does not include ratings above 6.3 amps.

## Metric Ferrule Fuses — UL Standard .205" x .787" (5 x 20mm)

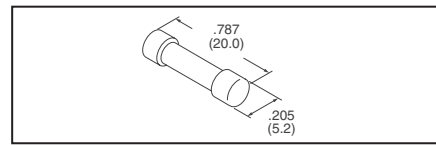


**Features:** Glass tube, nickel-plated brass endcap construction **Agency Information:** UL Listed, (63mA - 6A), Guide JDYX, File E19180; UL Recognized Card: (7A - 15A), Guild JDYX2, File E19180; CSA Certified: (63mA - 6A), Class 1422-01, File

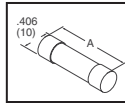
E65063; Designed to UL/CSA 248-14 **Electrical Characteristics:** Rated Current: 63mA - 10A **Percentage of Amp Rating:** 100% - None, 135% for 60 minutes maximum, 200% for 2 minutes maximum

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
<b>(GMA Series) - Fast-Acting, Low Breaking</b>					
250mA	250	283-2839-ND	.79	.73	.55
500mA	250	283-2844-ND	.43	.40	.30
750mA	250	283-2869-ND	.43	.41	.30
1A	250	283-2837-ND	.35	.34	.25
1.5A	250	283-2834-ND	.35	.34	.25
2A	250	283-2840-ND	.35	.33	.25

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
2.5A	250	283-2838-ND	.35	.33	.25
3A	250	283-2841-ND	.35	.33	.25
3.15A	125	283-2842-ND	.35	.33	.25
4A	125	283-2843-ND	.35	.33	.25
5A	125	283-2845-ND	.35	.33	.25
10A	125	283-2835-ND	.35	.34	.25
15A	125	283-2836-ND	.35	.34	.25



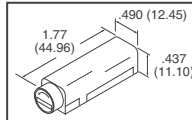
## Multi-Meter Fast-Acting Ferrule Fuses 44/100 and 11 Amps



**Specifications:** Designed for multi-meters only. Intended to carry 100% of rated current indefinitely. Not intended for branch circuit protection. **Construction Material:** Melamine Tube and Nickel Plated Brass Endcaps **Voltage Rating:** 1000 Volts AC/DC **Interrupting Rating:** DMM-B-44/100 - 10,000A, 1000Vdc, unity power factor and 10,000A, 1000Vdc with time constant of 2.2ms; minimum interrupt 400% of rated current at rated voltage; DMM-B-11A - 20,000A, 1000Vdc, power factor ≤ 2; 20,000A, 1000Vdc, time constant ≥ 10ms **Agency Approvals:** UL Recognized 1000VDC, File E19180

Dimension A	Digi-Key Part No.	Price Each			Cooper Bussmann Part No.
		1	10	100	
1.375" (±0.031) 34.9mm (±0.79)	283-2495-ND	34.35	32.77	23.79	DMM-B-44/100
1.50" (±0.031) 38.1mm (±0.79)	283-2496-ND	42.06	40.12	29.12	DMM-B-11A

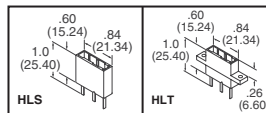
## HBH-I and HBH-M Fuseholders For 1/4" x 1-1/4" (6.35 x 31.75mm) and .205" x .787" (5 x 20mm) Fuses



**Horizontal PCB Mount**  
**Electrical Ratings:** UL-16A @ 250V and CSA - 12A @ 250V  
**Agency Approvals:** UL Recognized, CSA Certified

Description	Digi-Key Part No.	Price Each			Cooper Bussmann Part No.
		1	10	100	
For 1/4 x 1-1/4 (6.35 x 31.75) Fuses	283-2709-ND	3.54	3.38		HBH-I-R
For .205 x .787 (5 x 20) Fuses	283-2710-ND	4.62	4.41		HBH-M-R

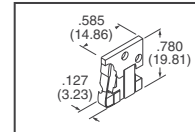
## Fuseholders for GMT Type Indicating Fuse



**PC Mount Electrical Rating:** 15A (60Vdc)  
**Construction Material:** • Body: Thermoplastic, UL94V0 flammability rating • Terminals: Tin-plated bifurcated copper  
**Agency Approval:** UL Recognized

Description	Digi-Key Part No.	Price Each		
		1	10	100
No Flange - HLS	283-2358-ND	3.25	3.10	2.25
With Flange - HLT	283-2359-ND	2.95	2.82	2.05

## GMT Indicating Fuses



**Rated Voltage:** 125Vac, 60Vdc **Characteristics:** Fast-Acting **Time Current Characteristics:** Rated current values 1/4 - 15 amps carry 100% of rating for 10 minutes minimum; open at 150% of rating in 5 minutes maximum **Construction Material:** • Body: Thermoplastic, UL 94V0 flammability rating • Terminals: Tin plated Beryllium Copper  
**Agency Approvals:** UL Recognized

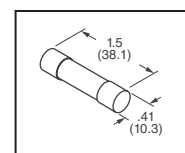
Current Rating	Color Code	Digi-Key Part No.	Price Each		
			1	10	100
1/4A	Violet	283-2051-ND	2.87	2.65	1.99
1/2A	Red	283-2053-ND	2.87	2.65	1.99
3/4A	Brown	283-2055-ND	2.87	2.74	1.99
1A	Gray	283-2056-ND	2.87	2.65	1.99
1-1/2A	White/Yellow	283-2058-ND	2.20	2.04	1.53
2A	Orange	283-2059-ND	2.87	2.65	1.99
3A	Blue	283-2060-ND	2.87	2.74	1.99
4A	White/Brown	283-2062-ND	2.87	2.74	1.99
5A	Green	283-2063-ND	2.87	2.74	1.99
7-1/2A	Black/White	283-2064-ND	2.87	2.74	1.99
10A	Red/White	283-2065-ND	2.87	2.65	1.99
15A	Red/Blue	283-2067-ND	2.87	2.65	1.99
Clear Fuse cover for GMT Series .....		283-2846-ND	.85	.81	.59

## KTK Fast Acting Fuses 13/32" x 1-1/2" (10.32 x 38.1mm)



**Rated Voltage:** 600VAC  
**Agency Approval:** UL listed, STD. 248-14; CSA Certified: C22.2 No. 248.14  
**Construction Material:** Melamine tube with nickel-plated bronze endcaps

Current Rating	Digi-Key Part No.	Price Each		
		1	10	100
5A	283-2463-ND	30.39	28.99	21.04
10A	283-2466-ND	30.39	28.99	21.04
15A	283-2467-ND	30.39	28.99	21.04
20A	283-2468-ND	30.49	29.08	21.11
25A	283-2469-ND	30.49	29.08	21.11
30A	283-2470-ND	30.49	29.08	21.11



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## HTB Panel Mount Fuseholders

For 1/4" x 1-1/4" (6.35 x 31.75mm) and .205" x .787" (5 x 20mm) Fuses



### Construction Material:

- Terminals: Tin-plated brass • Molded Components: Thermoplastic; UL Component Recognized; 94V0; mounting nut, spacer-black polycarbonate

### Agency Approvals:

- UL Recognized • CSA Approved • VDE and SEMKO Certified 5 x 20mm only

### Dimensional Data:

- Length (Knob Type) — 1.69" (42.9mm) Plus In-Line Terminal (Screwdriver Slotted) 1.75" (44.5mm) Note: Plus In-Line Terminal

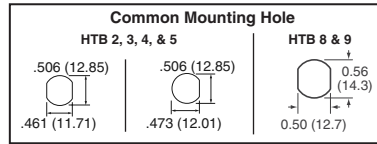
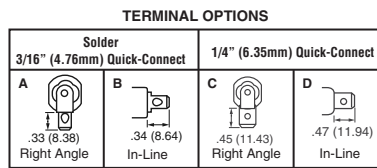
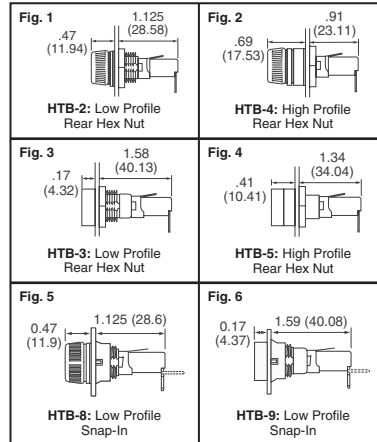


Fig.	Term. Opt.	Current Rating	Panel Accepts Fuse	Thickness Inch (mm)	Digi-Key Part No.	Price Each	
						1	10
1	A	15A	1/4" x 1-1/4"	.30 (7.62)	283-2711-ND	3.14	2.90
	B	15A	3AG		283-2851-ND	3.61	3.33
	D	20A	3AG		283-2852-ND	3.84	3.54
2	A	15A	5 x 20mm	.125 (3.18)	283-2712-ND	3.35	3.09
	B	15A	1/4" x 1-1/4"		283-2714-ND	3.48	3.21
	A	15A	3AG		283-2715-ND	3.67	3.39
	D	20A	3AG		283-2717-ND	3.93	3.63
3	D	20A	3AG	283-2718-ND	3.51	2.97	
	A	15A	5 x 20mm	283-2713-ND	3.35	3.09	
	B	15A	1/4" x 1-1/4"	283-2871-ND	7.02	6.70	
	D	15A	3AG	283-2870-ND	7.02	6.70	
4	D	16A	5 x 20mm	.30 (7.62)	283-2854-ND	3.84	3.54
	D	20A	1/4" x 1-1/4"		283-2853-ND	3.84	3.54
	A	15A	3AG		283-2719-ND	3.14	2.90
5	B	15A	1/4" x 1-1/4"	.125 (3.18)	283-2855-ND	3.84	3.54
	B	15A	5 x 20mm		283-2856-ND	3.84	3.54



## Printed Circuit Board Fuseclips

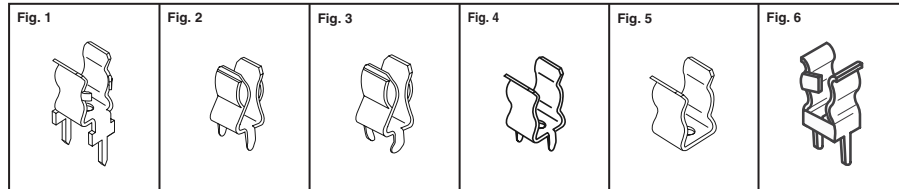


Fig.	Accepts Fuse Diameter	End Stop	Lead Type	Clip Material†	Finish	Digi-Key Part No.	1	10	100	Cooper Bussmann Part No.
1	5mm	Yes	Straight	Spring Bronze	Bright Tin	283-2603-ND	.25	.24	.18	1A5018-10-R
2	1/4" 3AG	Yes	Straight	Beryllium Copper	Bright Tin	283-2826-ND	.67	.64	.47	BK/1A1907-03-R
	1/4" 3AG	Yes	Straight	Cartridge Brass	Bright Tin	283-2601-ND	.18	.17	.13	1A1907-06-R
	5mm	Yes	Straight	Beryllium Copper	Silver	283-2865-ND	.69	.66	.48	BK/1A3399-01
	5mm	Yes	Straight	Beryllium Copper	Bright Tin	283-2827-ND	.66	.63	.46	BK/1A3399-04-R
	5mm	Yes	Straight	Spring Bronze	Bright Tin	283-2828-ND	.26	.24	.18	BK/1A3399-10-R
	13/32"	Yes	Straight	Spring Bronze	Bright Tin	283-2829-ND	.69	.66	.48	BK/1A3400-09-R
3	13/32"	Yes	Straight	Beryllium Copper	Silver	283-2830-ND	.72	.70	.51	BK/1A3400-10
	5mm	Yes	Straight*	Cartridge Brass	Bright Tin	283-2832-ND	.41	.39	.29	BK/1A5601
	1/4" 3AG	Yes	Angled-In	Beryllium Copper	Bright Tin	283-2825-ND	.66	.63	.46	BK/1A1119-03-R
	1/4" 3AG	Yes	Angled-In	Beryllium Copper	Silver	283-2864-ND	.65	.62	.45	BK/1A1119-05
	1/4" 3AG	Yes	Angled-In	Cartridge Brass	Bright Tin	283-2598-ND	.33	.32	.24	1A1119-10-R
4	1/4" 3AG	Yes	Angled-Out	Beryllium Copper	Bright Tin	283-2831-ND	.47	.45	.33	BK/1A4534-01-R
	1/4" 3AG	No	Angled-In	Cartridge Brass	Bright Tin	283-2599-ND	.36	.35	.26	1A1120-09-R
6	1/4" 3AG	No	Straight	Cartridge Brass	Bright Tin	283-2602-ND	.25	.24	.18	1A3398-07-R
	5mm	Yes	Angled-In	Cartridge Brass	Bright Tin	283-2866-ND	.49	.48	.35	BK/1A5602

\* Locking Mounting Leads

Fig.	Accepts Fuse Diameter	End Stop	Lead Type	Clip Material†	Finish	Digi-Key Part No.	10	250	Cooper Bussmann Part No.	
2	1/4" 3AG	Yes	Straight	Beryllium Copper	Silver	283-2342-ND	.66	.50	.44	1A1907-05
5	1/4" 3AG	No	None	Spring Bronze	Bright Tin	283-2337-ND	.30	.23	.20	5681-15

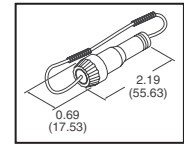
† Beryllium copper recommended for currents higher than 15 amps (1/4" or 6.35mm clips).

## HRK Universal In-Line Fuseholder

For 1/4" x 7/8" to 1-1/4" (6.35 x 22.23 to 31.75mm) Fuses

### Specifications:

- Three springs furnished with fuseholder afford acceptance of 1/4" (6.35mm) fuses of different lengths
- Wire leads are staked and soldered to the contacts of the fuseholder
- Leads are 8" (20.3mm) long
- Wire size - #14



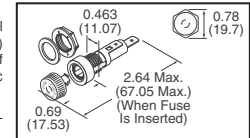
Amps	Volts AC	Digi-Key Part No.	1	10	100	Mfg. Part No.
15	32	283-2343-ND	3.51	3.35	2.43	HRK

## HKP Panel Mount Fuseholder For 1/4" x 1-1/4" (6.35 x 31.75mm) Fuses



### Specifications:

- Maximum panel thickness 5/16" (7.9mm)
- Temperature rating of 150°C • Thermoplastic meets UL94 HB



- Agency Approvals: • UL Recognized • CSA

Current Rating	Voltage Rating	Digi-Key Part No.	1	10	100	Mfg. Part No.
15A	250	283-2849-ND*	4.97	4.75	3.45	BK/HKP-HH-R
30A		283-2850-ND	4.00	3.82	2.77	BK/HKP-R

\* Solder Eyelet Termination

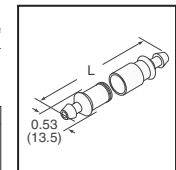
## HHB "Snap-Lock" In-Line Fuseholder

For 1/4" x 7/8" to 1-1/4" (6.35 x 22.23 to 31.75mm) Fuses



### Specifications:

- Accepts #16 to #12AWG copper wire
- High visibility yellow color • UL flammability rating 94V2
- Material: Body: Nylon • Crimp: Copper, Tin-Plated



Fuse Length "L" with Fuse Installed	1	10	100
7/8"	2.100" Maximum		
1"	2.250" Maximum		
1-1/4"	2.420" Maximum		

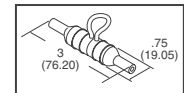
Current Rating	Voltage Rating	Digi-Key Part No.	1	10	100	Mfg. Part No.
30A	32	283-2848-ND	1.88	1.79	1.30	BK/HHB-R

## HFB Water Resistant In-Line Fuseholder

For 1/4 x 1-1/4" (6.35 x 31.75mm) Fuses

### Construction Material:

- Body: Thermoplastic rubber (orange)
- Contacts: Copper with Tin plating
- Accepts 10AWG wire



Amps	Volts AC	Digi-Key Part No.	1	10	100	Mfg. Part No.
30	32	283-2355-ND	20.41	19.47	14.13	HFB-10

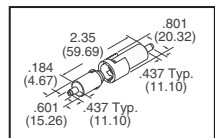
## HFA Water Resistant In-Line Fuseholder

For 1/4 x 1-1/4" (6.35 x 31.75mm) Fuses



### Specifications:

- Accepts #16 to #12 AWG copper wire • Temperature rating of 150°C • High temperature, flame retardant, phenolic meets UL94 HB



- Material: Body: Phenolic • Crimp: Copper, Tin-Plated

Current Rating	Voltage Rating	Digi-Key Part No.	1	10	100	Mfg. Part No.
20A	250	283-2847-ND	22.10	21.08	15.30	BK/HFA-R

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