



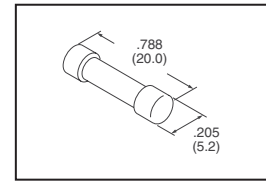
Metric Ferrule Fuses — IEC Standard .205" x .787" (5 x 20mm)

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%		210%		275%		400%		1000%	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
S501-R (GDA Series)										
100mA - 3.15A	60min.	30min.	10ms. - 2sec.	3ms. - 300ms.	20ms. (Max.)					
4A - 6.3A	60min.	30min.	10ms. - 3sec.	3ms. - 300ms.	20ms. (Max.)					
S500-R (GDB Series)										
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.)					
S506-R (GDC Series)										
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
S501-R (GDA Series) - Fast-Acting, High Breaking					
RoHS Compliant					
100mA	250	283-2659-ND	1.28	1.22	.89
160mA	250	283-2660-ND	1.28	1.22	.89
500mA	250	283-2667-ND	1.06	1.02	.74
2A	250	283-2663-ND	1.06	1.02	.74
2.5A	250	283-2662-ND	1.06	1.02	.74
3.15A	250	283-2664-ND	1.06	1.02	.74
4A	250	283-2666-ND	1.06	1.02	.74
5A	250	283-2668-ND	1.06	.98	.74
6.3A	250	283-2669-ND	1.06	1.02	.74
S500-R (GDB Series) - Fast-Acting, Low Breaking					
RoHS Compliant					
100mA	250	283-2674-ND	1.29	1.23	.89
125mA	250	283-2676-ND	1.29	1.23	.89
160mA	250	283-2677-ND	.73	.70	.51
250mA	250	283-2680-ND	.73	.70	.51
315mA	250	283-2683-ND	.73	.70	.51
500mA	250	283-2685-ND	.23	.22	.16
630mA	250	283-2688-ND	.23	.22	.16
800mA	250	283-2689-ND	.23	.22	.16
1A	250	283-2678-ND	.23	.22	.16

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
1.25A	250	283-2672-ND	.23	.22	.16
1.6A	250	283-2673-ND	.23	.22	.16
2A	250	283-2681-ND	.23	.22	.16
2.5A	250	283-2679-ND	.23	.22	.16
3.15A	250	283-2682-ND	.23	.22	.16
4A	250	283-2684-ND	.23	.22	.16
5A	250	283-2686-ND	.23	.22	.16
6.3A	250	283-2687-ND	.23	.22	.16
8A	250	283-2690-ND	.83	.80	.58
10A	250	283-2675-ND	.83	.80	.58
S506-R (GDC Series) - Time-Delay, Low Breaking					
RoHS Compliant					
100mA	250	283-2693-ND	.97	.90	.68
125mA	250	283-2694-ND	.97	.90	.68
125mA	250	283-2694-ND	.97	.90	.68
160mA	250	283-2695-ND	.97	.93	.68
250mA	250	283-2698-ND	.97	.90	.68
315mA	250	283-2701-ND	.97	.90	.68
400mA	250	283-2702-ND	.97	.93	.68
500mA	250	283-2704-ND	.70	.67	.49
630mA	250	283-2707-ND	.70	.67	.49

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
800mA	250	283-2708-ND	.70	.67	.49
1A	250	283-2696-ND	.70	.65	.49
1.25A	250	283-2691-ND	.70	.65	.49
1.6A	250	283-2692-ND	.70	.65	.49
2A	250	283-2699-ND	.70	.65	.49
2.5A	250	283-2697-ND	.70	.65	.49
3.15A	250	283-2700-ND	.70	.65	.49
4A	250	283-2703-ND	.70	.65	.49
5A	250	283-2705-ND	.70	.67	.49
6.3A	250	283-2706-ND	.70	.67	.49

† 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)

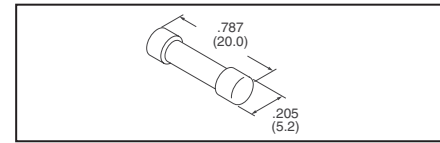


Features: Glass tube, nickel-plated brass endcap construction **Agency Information:** UL Listed, (63mA - 6A), Guide JDYX, File E19180; UL Recognized Card: (7A - 15A), Guild JDYX2, File E19180; CSA Certified: (63mA - 6A), Class 1422-01, File

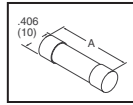
E65063; Designed to UL/CSA 248-14 **Electrical Characteristics:** Rated Current: 63mA - 10A **Percentage of Amp Rating:** 100% - None, 135% for 60 minutes maximum, 200% for 2 minutes maximum

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
(GMA Series) - Fast-Acting, Low Breaking					
250mA	250	283-2839-ND	.57	.53	.40
500mA	250	283-2844-ND	.31	.29	.22
750mA	250	283-2869-ND	.31	.30	.22
1A	250	283-2837-ND	.26	.25	.18
1.5A	250	283-2834-ND	.26	.25	.18
2A	250	283-2840-ND	.25	.24	.18

Current Rating	Rated Voltage (AC)	Digi-Key Part No.	Price Each		
			1	10	100
2.5A	250	283-2838-ND	.25	.24	.18
3A	250	283-2841-ND	.25	.24	.18
3.15A	125	283-2842-ND	.25	.24	.18
4A	125	283-2843-ND	.25	.24	.18
5A	125	283-2845-ND	.25	.24	.18
10A	125	283-2835-ND	.26	.25	.18
15A	125	283-2836-ND	.26	.25	.18



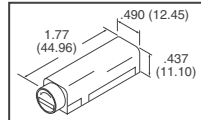
Multi-Meter Fast-Acting Ferrule Fuses 44/100 and 11 Amps



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	21.55	16.76	13.41	DMM-B-44/100
1.50" (±0.031) 38.1mm (±0.79)	283-2496-ND	26.38	20.52	16.42	DMM-B-11A

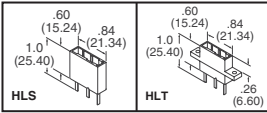
HBH-I and HBH-M Fuseholders For 1/4" x 1-1/4" (6.35 x 31.75mm) and .205" x .787" (5 x 20mm) Fuses



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	2.95	2.82		HBH-I-R
For .205 x .787 (5 x 20) Fuses	283-2710-ND	3.85	3.67		HBH-M-R

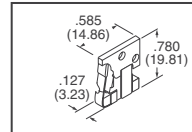
Fuseholders for GMT Type Indicating Fuse



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	2.83	2.71	1.97
With Flange - HLT	283-2359-ND	2.57	2.46	1.79

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

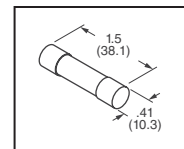
Current Rating	Color Code	Digi-Key Part No.	Price Each		
			1	10	100
1/4A	Violet	283-2051-ND	2.50	2.31	1.74
1/2A	Red	283-2053-ND	2.50	2.31	1.74
3/4A	Brown	283-2055-ND	—	—	1.74
1A	Gray	283-2056-ND	2.50	2.31	1.74
1-1/2A	White/Yellow	283-2058-ND	2.50	2.31	1.74
2A	Orange	283-2059-ND	2.50	2.31	1.74
3A	Blue	283-2060-ND	2.50	2.39	1.74
4A	White/Brown	283-2062-ND	2.50	2.39	1.74
5A	Green	283-2063-ND	2.50	2.39	1.74
7-1/2A	Black/White	283-2064-ND	2.50	2.39	1.74
10A	Red/White	283-2065-ND	2.50	2.31	1.74
15A	Red/Blue	283-2067-ND	2.50	2.31	1.74
Clear Fuse cover for GMT Series		283-2846-ND	.62	.59	.43

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	22.06	21.05	15.28
10A	283-2466-ND	22.06	21.05	15.28
15A	283-2467-ND	22.06	21.05	15.28
20A	283-2468-ND	22.14	21.12	15.33
25A	283-2469-ND	22.14	21.12	15.33
30A	283-2470-ND	22.14	21.12	15.33



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