

bel Type SMP, SMT Power Cross Protection Fuse

SMP Fuses guard protected circuitry against sustained overload or short circuit conditions. Such sustained overloads may be generated by accidental contact between utility cables and phone lines (power line cross).

Specifications:

- **Voltage Rating:** 600V • **Operating Temperature:** -55°C ~ 125°C
- **Construction Material:** Ceramic Body/Tin plated Brass Caps, Lead Free Solder
- **Packaging:** 13 inch diameter reel, 16mm wide tape, 8mm pitch, per EIA standard 481



Electrical Characteristics			
Test Current	Blow Time		
	Minimum	Maximum	
100% / 110% (2A)	4 hrs	N/A	
200%	3 sec/N/A (2A)	60 sec	
500%	100 msec	1.5 sec	
1000%	30 msec	300 msec	

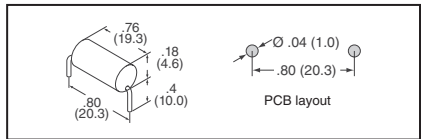
Amp Rating	Digi-Key Part No.	Cut Tape Price Each	Tape & Reel* Pricing 2,000	Bel Fuse Part No.		
500mA	507-1038-1-ND	1.69	1.50	1.07	500.00/M	SMP 500
1.25A	507-1039-1-ND	1.69	1.50	1.07	500.00/M	SMP 1.25
2.0A	507-1040-1-ND	1.69	1.50	1.07	—	SMP 2

* For Tape and Reel part number, change 1-ND to 2-ND.

Type RJS Telecom - Power Cross Protection and Ballast Protection

RJS fuse guard protected circuitry against sustained overload or short circuit conditions. Such sustained overloads may be generated by accidental contact between utility cables and phone lines (power line cross).

Electrical Characteristics			
Test Current	Blow Time		
	Minimum	Maximum	
100%	4 hrs	N/A	
135%	N/A	1 hr	
200%	3 sec	20 sec	
500%	100 msec	1.5 sec	
1000%	30 msec	300 msec	



Specifications:

- **Voltage Rating:** 600V
- **Operating Temperature:** -55°C ~ 125°C
- **Construction Material:** Body: Glass, Lead Wire: Tin-lead plated Copper, Diameter 0.032 inch
- **Packaging:** Bulk, 500 pieces per box

Amp Rating	Lead Length	Digi-Key Part No.	Price Each	T & R* Pricing 100	Bel Fuse Part No.	
2.00A	Standard	507-1002-ND	.50	.45	.32	RJS 2

Type SSQ, 6125 (2410) Size Square Ceramic SMT Fast Acting Fuse

- **Voltage Rating:** 125V • **Operating Temperature:** -55°C ~ 125°C
- **Construction Material:** Ceramic Body/Palladium Plated Brass Caps
- **Packaging:** 13 inch diameter reel, 12mm wide tape, 4mm pitch, per EIA standard 481

Electrical Characteristics: • Test Current 100%, Blow Time 4 Hrs Min; Test Current 200% Blow Time 5 seconds Maximum

Amp Rating	Digi-Key Part No.	Cut Tape Price Each	T & R* Pricing 1,000	Bel Fuse Part No.	
250mA	507-1041-1-ND	.76	.68	.48	SSQ 250
500mA	507-1043-1-ND	.76	.68	.48	SSQ 500
750mA	507-1044-1-ND	.76	.68	.48	SSQ 750
1A	507-1045-1-ND	.76	.68	.48	SSQ 1

Amp Rating	Digi-Key Part No.	Cut Tape Price Each	T & R* Pricing 1,000	Bel Fuse Part No.	
1.25A	507-1046-1-ND	.76	.68	.48	SSQ 1.25
1.5A	507-1047-1-ND	.76	.68	.48	SSQ 1.5
2A	507-1048-1-ND	.76	.68	.48	SSQ 2
2.5A	507-1049-1-ND	.76	.68	.48	SSQ 2.5
3A	507-1050-1-ND	.76	.68	.48	SSQ 3
3.5A	507-1051-1-ND	.76	.68	.48	SSQ 3.5
4A	507-1052-1-ND	.76	.68	.48	SSQ 4
5A	507-1053-1-ND	.76	.68	.48	SSQ 5
6.3A	507-1054-1-ND	.76	.68	.48	SSQ 6.3
7A	507-1055-1-ND	.76	.68	.48	SSQ 7
8A	507-1056-1-ND	.76	.68	.48	SSQ 8
10A	507-1057-1-ND	.76	.68	.48	SSQ 10
12A	507-1058-1-ND	.76	.68	.48	SSQ 12
15A	507-1059-1-ND	.76	.68	.48	SSQ 15

* For Tape and Reel part number, change 1-ND to 2-ND.

Type 5SF, 5ST (5x20mm) Fuse, Low Breaking Capacity IEC-127-2

- **Operating Temperature:** -55 ~ 125°C
- **Materials:** • Glass body/Nickel plated brass caps

Amp Rating	Digi-Key Part No.	Price Each	T & R* Pricing 100	Bel Fuse Part No.	
5SF Series - Fast Acting Fuse					
80mA	507-1218-ND	.43	.39	.28	5SF 80-R
100mA	507-1219-ND	.43	.39	.28	5SF 100-R
125mA	507-1220-ND	.43	.39	.28	5SF 125-R
200mA	507-1221-ND	.43	.39	.28	5SF 200-R
250mA	507-1222-ND	.43	.39	.28	5SF 250-R
400mA	507-1223-ND	.43	.39	.28	5SF 400-R
500mA	507-1224-ND	.43	.39	.28	5SF 500-R
1A	507-1225-ND	.43	.39	.28	5SF 1-R
1.25A	507-1226-ND	.43	.39	.28	5SF 1.25-R
1.6A	507-1227-ND	.43	.39	.28	5SF 1.6-R
2A	507-1228-ND	.43	.39	.28	5SF 2-R
2.5A	507-1229-ND	.43	.39	.28	5SF 2.5-R
3.15A	507-1230-ND	.43	.39	.28	5SF 3.15-R
4A	507-1231-ND	.43	.39	.28	5SF 4-R
5A	507-1232-ND	.43	.39	.28	5SF 5-R
6.3A	507-1233-ND	.43	.39	.28	5SF 6.3-R
8A	507-1234-ND	.43	.39	.28	5SF 8-R
10A	507-1235-ND	.43	.39	.28	5SF 10-R

Amp Rating	Digi-Key Part No.	Price Each	T & R* Pricing 100	Bel Fuse Part No.	
5ST Series - Time Lag Fuse					
63mA	507-1236-ND	.43	.39	.28	5ST 63-R
80mA	507-1237-ND	.43	.39	.28	5ST 80-R
100mA	507-1238-ND	.43	.39	.28	5ST 100-R
125mA	507-1239-ND	.43	.39	.28	5ST 125-R
200mA	507-1240-ND	.43	.39	.28	5ST 200-R
250mA	507-1241-ND	.43	.39	.28	5ST 250-R
400mA	507-1242-ND	.43	.39	.28	5ST 400-R
500mA	507-1243-ND	.43	.39	.28	5ST 500-R
630mA	507-1244-ND	.43	.39	.28	5ST 630-R
800mA	507-1245-ND	.43	.39	.28	5ST 800-R
1A	507-1246-ND	.43	.39	.28	5ST 1-R
1.25A	507-1247-ND	.43	.39	.28	5ST 1.25-R
1.6A	507-1248-ND	.43	.39	.28	5ST 1.6-R
2A	507-1249-ND	.43	.39	.28	5ST 2-R
2.5A	507-1250-ND	.43	.39	.28	5ST 2.5-R
3.15A	507-1251-ND	.43	.39	.28	5ST 3.15-R
4A	507-1252-ND	.43	.39	.28	5ST 4-R
5A	507-1253-ND	.43	.39	.28	5ST 5-R
6.3A	507-1254-ND	.43	.39	.28	5ST 6.3-R
8A	507-1255-ND	.43	.39	.28	5ST 8-R
10A	507-1256-ND	.43	.39	.28	5ST 10-R

Type 5HF, 5HT (5x20mm) Fuse, High Breaking Capacity IEC-127-2

- **Operating Temperature:** -55 ~ 125°C
- **Materials:** • Ceramic body/Nickel plated brass caps

Amp Rating	Digi-Key Part No.	Price Each	T & R* Pricing 100	Bel Fuse Part No.	
5HF Series - Fast Acting Fuse					
250mA	507-1195-ND	.58	.52	.37	5HF 250-R
500mA	507-1196-ND	.58	.52	.37	5HF 500-R
800mA	507-1197-ND	.58	.52	.37	5HF 800-R

Amp Rating	Digi-Key Part No.	Price Each	T & R* Pricing 100	Bel Fuse Part No.	
1A	507-1198-ND	.58	.52	.37	5HF 1-R
1.6A	507-1199-ND	.58	.52	.37	5HF 1.6-R
2A	507-1200-ND	.58	.52	.37	5HF 2-R
3.15A	507-1201-ND	.58	.52	.37	5HF 3.15-R
4A	507-1202-ND	.58	.52	.37	5HF 4-R
5A	507-1203-ND	.58	.52	.37	5HF 5-R
6.3A	507-1204-ND	.58	.52	.37	5HF 6.3-R
8A	507-1205-ND	.58	.52	.37	5HF 8-R
10A	507-1206-ND	.58	.52	.37	5HF 10-R

5HT Series - Time Lag Fuse					
1A	507-1207-ND	.58	.52	.37	5HT 1-R
1.25A	507-1208-ND	.58	.52	.37	5HT 1.25-R
1.6A	507-1209-ND	.58	.52	.37	5HT 1.6-R
2A	507-1210-ND	.58	.52	.37	5HT 2-R
2.5A	507-1211-ND	.58	.52	.37	5HT 2.5-R
3.15A	507-1212-ND	.58	.52	.37	5HT 3.15-R
4A	507-1213-ND	.58	.52	.37	5HT 4-R
5A	507-1214-ND	.58	.52	.37	5HT 5-R
6.3A	507-1215-ND	.58	.52	.37	5HT 6.3-R
8A	507-1216-ND	.58	.52	.37	5HT 8-R
10A	507-1217-ND	.58	.52	.37	5HT 10-R

Type 5MF, 5MT and 5TT (5x20mm) Fuses UL/CSA STD 248-14

- **Operating Temperature:** -55 ~ 125°C
- **Materials:** • Glass Body/Nickel Plated Brass Caps, 6A and above, Ceramic body/Nickel Plated Brass Caps

Amp Rating	Digi-Key Part No.	Price Each	T & R* Pricing 100	Bel Fuse Part No.	
5MF Series - Fast Acting Fuse					
250mA	507-1257-ND	.36	.32	.23	5MF 250-R
300mA	507-1258-ND	.36	.32	.23	5MF 300-R
500mA	507-1259-ND	.36	.32	.23	5MF 500-R
700mA	507-1260-ND	.36	.32	.23	5MF 700-R
1A	507-1261-ND	.36	.32	.23	5MF 1-R
1.25A	507-1262-ND	.36	.32	.23	5MF 1.25-R
1.5A	507-1263-ND	.36	.32	.23	5MF 1.5-R
2A	507-1264-ND	.36	.32	.23	5MF 2-R
2.5A	507-1265-ND	.36	.32	.23	5MF 2.5-R
3A	507-1266-ND	.36	.32	.23	5MF 3-R
3.5A	507-1267-ND	.36	.32	.23	5MF 3.5-R
4A	507-1268-ND	.36	.32	.23	5MF 4-R
5A	507-1269-ND	.36	.32	.23	5MF 5-R
6A	507-1270-ND	.36	.32	.23	5MF 6-R
7A	507-1271-ND	.36	.32	.23	5MF 7-R
8A	507-1272-ND	.36	.32	.23	5MF 8-R

5MT Series - Medium Acting Fuse					
250mA	507-1273-ND	.46	.41	.29	5MT 250-R
375mA	507-1274-ND	.46	.41	.29	5MT 375-R
500mA	507-1275-ND	.46	.41	.29	5MT 500-R
750mA	507-1276-ND	.46	.41	.29	5MT 750-R
1A	507-1277-ND	.46	.41	.29	5MT 1-R
2A	507-1278-ND	.46	.41	.29	5MT 2-R
2.5A	507-1279-ND	.46	.41	.29	5MT 2.5-R
3A	507-1280-ND	.46	.41	.29	5MT 3-R
3.5A	507-1281-ND	.46	.41	.29	5MT 3.5-R
4A	507-1282-ND	.46	.41	.29	5MT 4-R
5A	507-1283-ND	.46	.41	.29	5MT 5-R
7A	507-1284-ND	.46	.41	.29	5MT 7-R

5TT Series - Time Lag Fuse					
125mA	507-1285-ND	.56	.50	.36	5TT 125-R
250mA	507-1286-ND	.56	.50	.36	5TT 250-R
300mA	507-1287-ND	.56	.50	.36	5TT 300-R
400mA	507-1288-ND	.56	.50	.36	5TT 400-R
500mA	507-1289-ND	.56	.50	.36	5TT 500-R
750mA	507-1290-ND	.56	.50	.36	5TT 750-R
1A	507-1291-ND	.56	.50	.36	5TT 1-R
1.25A	507-1292-ND	.56	.50	.36	5TT 1.25-R
1.5A	507-1293-ND	.56	.50	.36	5TT 1.5-R
1.6A	507-1294-ND	.56	.50	.36	5TT 1.6-R
2A	507-1295-ND	.56	.50	.36	5TT 2-R
2.5A	507-1296-ND	.56	.50	.36	5TT 2.5-R
3A	507-1297-ND	.56	.50	.36	5TT 3-R
4A	507-1298-ND	.56	.50	.36	5TT 4-R
5A	507-1299-ND	.56			