






# Type GSA

## Environmental Specifications

Shock Resistance	MIL-STD-202G, Method 213B, Test Condition 1 (100 G's peak for 6 milliseconds; Sawtooth waveform)
Vibration Resistance	MIL-STD-202G, Method 201A (10-55 Hz, 0.06 inch, total excursion).
Salt Spray Resistance	MIL-STD-202G, Method 101E, Test Condition B (48 hrs.).
Insulation Resistance	MIL-STD-202G, Method 302, Test Condition A (After Opening) 10,000 ohms minimum.
Solderability	MIL-STD-202G, Method 208H
Resistance to solder Heat	MIL-STD-202G, Method 210F, Test Condition B. (260+/-5°C, 10+/-1 sec)
Thermal Shock	MIL-STD-202G, Method 107G, Test Condition B (-65°C to +125°C).
Operating Temperature	-55°C to +125°C
Terminal Strength	IEC-68-2-21

## Electrical Specifications

Catalog Number	Ampere Rating	Typical Cold Resistance (ohms)	Volt-drop @ 100%In (Volt) max.	Voltage and Interrupting Ratings	Melting I <sup>2</sup> T <10 mSec (A <sup>2</sup> Sec)	Melting I <sup>2</sup> T @ 10 In (A <sup>2</sup> Sec)	Maximum Power Dissipation (W)	Agency Approvals					
													
GSA 500-R	500mA	1.38	1.07	See Table of Safety Approvals on Page 1 for Voltage and associated Interrupting Ratings	4.4	5.4	0.78	Y	Y				
GSA 600-R	600mA	1.05	0.98		6.9	8.5	0.82	Y	Y				
GSA 700-R	700mA	0.648	0.69		8.5	11	0.84	Y	Y				
GSA 750-R	750mA	0.642	0.68		10	12	0.85	Y	Y				
GSA 1-R	1A	0.374	0.59		16	21	0.91	Y	Y				Y
GSA 1.25-R	1.25A	0.248	0.43		25	32	0.96	Y	Y				Y
GSA 1.6-R	1.6A	0.155	0.38		39	50	1.01	Y	Y				Y
GSA 2-R	2A	0.115	0.36		61	79	1.06	Y	Y				Y
GSA 2.5-R	2.5A	0.079	0.29		94	123	1.12	Y	Y				Y
GSA 3-R	3A	0.058	0.27		146	192	1.18	Y	Y				Y
GSA 4-R	4A	0.039	0.23		226	300	1.24	Y	Y				Y
GSA 5-R	5A	0.029	0.22		349	469	1.31	Y	Y				Y
GSA 6-R	6A	0.018	0.19		286	455	1.61	Y	Y				Y
GSA 7-R	7A	0.016	0.18		372	592	1.81	Y	Y				Y
GSA 8-R	8A	0.013	0.17		483	769	1.95	Y	Y				Y
GSA 10-R	10A	0.010	0.17		817	1300	2.26			Y	Y		Y
GSA 12-R	12A	0.008	0.15		1277	2031	2.56			Y	Y		Y
GSA 15-R	15A	0.006	0.15		2123	3377	2.96			Y	Y		Y

Consult manufacturer for other ratings