



XGPU2.E339514 Thermistor-type Devices - Component

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Thermistor-type Devices - Component

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SHENZHEN GUANRUIDA ELECTRONIC TECHNOLOGY CO LTD
1ST FL OF FACTORY BLDG 7
BAONAN IND AREA NANYAO COMMUNITY
LONGGANG TOWN, LONGGANG DISTRICT
SHENZHEN, GUANGDONG 518000 CHINA

E339514

PPTC current limiter:

Model No.	Voltage (V)		Current (A)				T _{moa} (°C)	Class	CA
	V _{max}	V _r	I _h (mA)	I _t (mA)	I _{max} (A)	I _{sc} (A)			
GR16-050	16Vdc	16Vdc	500	1000	40	40	85	C3	1(119.4), 2, 3, 4, #
GR16-065	16Vdc	16Vdc	650	1300	40	40	85	C3	1(119.4), 2, 3, 4, #
GR16-075	16Vdc	16Vdc	750	1500	40	40	85	C3	1(119.4), 2, 4, #
GR16-090	16Vdc	16Vdc	900	1800	40	40	85	C2	1(113), 2, 4, #
GR16-110	16Vdc	16Vdc	1100	2200	40	40	85	C2	1(113), 2, 4, #
GR16-120	16Vdc	16Vdc	1200	2400	40	40	85	C2	1(113), 2, 4, #
GR16-135	16Vdc	16Vdc	1350	2700	40	40	85	C2	1(113), 2, 4, #
GR16-160	16Vdc	16Vdc	1600	3200	40	40	85	C2	1(113), 2, 4, #
GR16-185	16Vdc	16Vdc	1850	3700	40	40	85	C2	1(113), 2, 4, #
GR16-250	16Vdc	16Vdc	2500	5000	40	40	85	C2	1(113), 2, 4, #
GR16-200	16Vdc	16Vdc	2000	3400	40	40	85	C2	1(122), 2, 4, #
GR16-300	16Vdc	16Vdc	3000	5100	100	100	85	C2	1(122), 2, 4, #
GR16-400	16Vdc	16Vdc	4000	6800	100	100	85	C2	1(122), 2, 4, #
GR16-500	16Vdc	16Vdc	5000	8500	100	100	85	C2	1(122), 2, 4, #
GR16-600	16Vdc	16Vdc	6000	10200	100	100	85	C1	1(127), 2, 4, #
GR16-700	16Vdc	16Vdc	700	1190	100	100	85	C3	1(129.7), 2, 4, #
GR16-800	16Vdc	16Vdc	800	1360	100	100	85	C3	1(129.7), 2, 4, #
GR16-900	16Vdc	16Vdc	900	1530	100	100	85	C3	1(129.7), 2, 4, #
GR16-1000	16Vdc	16Vdc	1000	1700	100	100	85	C3	1(129.7), 2, 4, #
GR16-1100	16Vdc	16Vdc	1100	1870	100	100	85	C3	1(129.7), 2, 4, #
GR16-1200	16Vdc	16Vdc	1200	2040	100	100	85	C3	1(129.7), 2, 4, #
GR16-1400	16Vdc	16Vdc	1400	2380	100	100	85	C3	1(129.7), 2, 4, #
GR30-040	30Vdc	30Vdc	400	800	40	40	85	C1	1(117.9), 2, 3, 4, #
GR30-050	30Vdc	30Vdc	500	1000	40	40	85	C3	1(117.9), 2, 3, 4, #
GR30-065	30Vdc	30Vdc	650	1300	40	40	85	C3	1(117.9), 2, 3, 4, #
GR30-075	30Vdc	30Vdc	750	1500	40	40	85	C3	1(117.9), 2, 4, #
GR30-090	30Vdc	30Vdc	900	1800	40	40	85	C3	1(117.4), 2, 4, #
GR30-110	30Vdc	30Vdc	1100	2200	40	40	85	C3	1(131.9), 2, 4, #
GR30-135	30Vdc	30Vdc	1350	2700	40	40	85	C3	1(131.9), 2, 4, #
GR30-160	30Vdc	30Vdc	1600	3200	40	40	85	C3	1(131.9), 2, 4, #

GR30-185	30Vdc	30Vdc	1850	3700	40	40	85	C3	1 (131.9), 2, 4, #
GR30-250	30Vdc	30Vdc	2500	5000	40	40	85	C3	1 (122.5), 2, 4, #
GR30-300	30Vdc	30Vdc	3000	6000	100	100	85	C1	1 (126.2), 2, 4, #
GR30-400	30Vdc	30Vdc	4000	8000	100	100	85	C2	1 (129.6), 2, 4, #
GR30-500	30Vdc	30Vdc	5000	10000	100	100	85	C2	1 (129.6), 2, 4, #
GR30-600	30Vdc	30Vdc	6000	12000	100	100	85	C2	1 (129.6), 2, 4, #
GR30-700	30Vdc	30Vdc	7000	14000	100	100	85	C2	1 (129.6), 2, 4, #
GR30-800	30Vdc	30Vdc	8000	16000	100	100	85	C2	1 (129.6), 2, 4, #
GR30-900	30Vdc	30Vdc	9000	18000	100	100	85	C2	1 (129.6), 2, 4, #
GR72-020	72Vdc	72Vdc	200	400	40	40	85	C3	1 (113.0), 2, 4, #
GR72-025	72Vdc	72Vdc	250	500	40	40	85	C3	1 (130.8), 2, 3, 4, #
GR72-030	72Vdc	72Vdc	300	600	40	40	85	C3	1 (130.8), 2, 3, 4, #
GR72-040	72Vdc	72Vdc	400	800	40	40	85	C3	1 (130.8), 2, 3, 4, #
GR72-050	72Vdc	72Vdc	500	1000	40	40	85	C3	1 (130.8), 2, 4, #
GR72-065	72Vdc	72Vdc	650	1300	40	40	85	C3	1 (130.8), 2, 4, #
GR72-075	72Vdc	72Vdc	750	1500	40	40	85	C3	1 (130.8), 2, 4, #
GR72-090	72Vdc	72Vdc	900	1800	40	40	85	C2	1 (128.5), 2, 4, #
GR72-110	72Vdc	72Vdc	1100	2200	40	40	85	C2	1 (130.6), 2, 4, #
GR72-135	72Vdc	72Vdc	1350	2700	40	40	85	C2	1 (130.6), 2, 4, #
GR72-160	72Vdc	72Vdc	1600	3200	40	40	85	C2	1 (130.6), 2, 4, #
GR72-185	72Vdc	72Vdc	1850	3700	40	40	85	C2	1 (130.6), 2, 4, #
GR72-250	72Vdc	72Vdc	2500	5000	40	40	85	C2	1 (130.6), 2, 4, #
GR72-300	72Vdc	72Vdc	3000	6000	40	40	85	C2	1 (130.6), 2, 4, #
GR72-375	72Vdc	72Vdc	3750	7500	40	40	85	C1	1 (130.6), 2, 4, #
GR265-080	72Vdc	72Vdc	80	160	3	3	85	C3	1 (95.5), 2, 3, 4, #
GR265-120	72Vdc	72Vdc	120	240	3	3	85	C3	1 (109.2), 2, 3, 4, #
GR265-145	72Vdc	72Vdc	145	290	3	3	85	C3	1 (109.2), 2, 4, #
GR265-180C	72Vdc	72Vdc	180	540	10	10	85	C2	1 (109.2), 2, 4, #
GR265-180S	72Vdc	72Vdc	180	540	10	10	85	C2	1 (109.2), 2, 4, #
GR265-200	72Vdc	72Vdc	200	400	10	10	85	C2	1 (109.2), 2, 4, #
GR265-400	72Vdc	72Vdc	400	800	10	10	85	C2	1 (108.5), 2, 4, #
GR135-160	120Vac	120Vac	160	320	6	20	85	C2	1 (117), 2, 4, #
GR135-200	120Vac	120Vac	200	400	6	20	85	C2	1 (117), 2, 4, #
GR135-250	120Vac	120Vac	250	500	6	20	85	C2	1 (117), 2, 4, #
GR135-300	120Vac	120Vac	300	600	6	20	85	C2	1 (117), 2, 4, #
GR135-400	120Vac	120Vac	400	800	6	20	85	C2	1 (117), 2, 4, #
GR135-500	120Vac	120Vac	500	1000	7.5	20	85	C1	1 (120), 2, 4, #
GR135-550	135Vac	135Vac	550	1100	7.5	20	85	C2	1 (126.2), 2, 4, #
GR135-650	135Vac	135Vac	650	1300	7.5	20	85	C2	1 (126.8), 2, 4, #
GR135-750	135Vac	135Vac	750	1500	7.5	20	85	C2	1 (126.8), 2, 4, #
GR135-900	135Vac	135Vac	900	1800	9.0	20	85	C1	1 (126.8), 2, 4, #
GR135-1000	135Vac	135Vac	1000	2000	10.0	20	85	C1	1 (127.6), 2, 4, #
GR135-1100S	135Vac	135Vac	1100	2200	11.0	20	85	C1	1 (127.6), 2, 4, #
GR135-1100C	135Vac	135Vac	1100	2200	11.0	20	85	C1	1 (127.6), 2, 4, #
GR135-1250	135Vac	135Vac	1250	2500	12.5	20	85	C2	1 (128.8), 2, 4, #
GR135-1350	135Vac	135Vac	1350	2700	13.5	20	85	C2	1 (128.8), 2, 4, #

	135Vac	135Vac	1600	3200	16.0	20	85	C2	1 (128.8), 2, 4, #
GR135-1850	135Vac	135Vac	1850	3700	18.5	20	85	C2	1 (128.8), 2, 4, #
GR135-2000	135Vac	135Vac	2000	4000	20.0	20	85	C1	1 (128.8), 2, 4, #
GR265-160	135Vac	135Vac	160	320	20	20	85	C2	1 (118.3), 2, 4, #
GR265-200S	135Vac	135Vac	200	400	20	20	85	C2	1 (118.3), 2, 4, #
GR265-200C	135Vac	135Vac	200	400	20	20	85	C2	1 (118.3), 2, 4, #
GR265-250	135Vac	135Vac	250	500	20	20	85	C2	1 (118.3), 2, 4, #
GR265-300	135Vac	135Vac	300	600	20	20	85	C2	1 (118.3), 2, 4, #
GR265-330	135Vac	135Vac	330	660	20	20	85	C2	1 (115), 2, 4, #
GR265-400S	135Vac	135Vac	400	800	20	20	85	C2	1 (115), 2, 4, #
GR265-500	135Vac	135Vac	500	1000	20	20	85	C2	1 (115), 2, 4, #
GR265-550	135Vac	135Vac	5500	1100	20	20	85	C2	1 (115), 2, 4, #
GR265-600	135Vac	135Vac	600	1200	20	20	85	C2	1 (115), 2, 4, #
GR265-650	135Vac	135Vac	650	1300	20	20	85	C2	1 (121), 2, 4, #
GR265-750	135Vac	135Vac	750	1500	20	20	85	C2	1 (125.1), 2, 4, #
GR265-800	135Vac	135Vac	800	1600	20	20	85	C2	1 (125.1), 2, 4, #
GR265-900	135Vac	135Vac	900	1800	20	20	85	C1	1 (125.1), 2, 4, #
GR265-1000S	135Vac	135Vac	1000	2000	20	20	85	C1	1 (126.0), 2, 4, #
GR265-1000C	135Vac	135Vac	1000	2000	20	20	85	C1	1 (126.0), 2, 4, #
GR265-1100	135Vac	135Vac	1100	2200	20	20	85	C1	1 (126.0), 2, 4, #
GR265-1250S	135Vac	135Vac	1250	2500	20	20	85	C1	1 (126.0), 2, 4, #
GR265-1250C	135Vac	135Vac	1250	2500	20	20	85	C1	1 (126.0), 2, 4, #


PTC current limiter:

Model No.	Voltage (V)		Current (A)				T _{moa} (°C)	Class	CA
	V _{max}	V _r	I _h (mA)	I _t (mA)	I _{max} (A)	I _{sc} (A)			
GR6-075K	6	6	750	1500	50	50	80	C1	1(102.4), 2, 3, 4, #
GR6-090K	6	6	900	1800	50	50	80	C1	1(102.4), 2, 3, 4, #
GR6-110K	6	6	1100	2200	50	50	80	C1	1(102.4), 2, 3, 4, #
GR6-120K	6	6	1200	2400	50	50	80	C1	1(102.4), 2, 3, 4, #
GR6-135K	6	6	1350	2700	50	50	80	C1	1(101.4), 2, 3, 4, #
GR6-155K	6	6	1550	3100	50	50	80	C1	1(101.4), 2, 3, 4, #
GR6-160K	6	6	1600	3200	50	50	80	C1	1(101.4), 2, 4, #
GR6-185K	6	6	1850	3700	50	50	80	C1	1(101.4), 2, 4, #
GR6-250K	6	6	2500	5000	50	50	80	C1	1(103.0), 2, 4, #
GR16-250K	16	10	2500	5000	50	50	80	C2	1(103.2), 2, 4, #
GR16-300K	16	10	3000	6000	50	50	80	C2	1(103.2), 2, 4, #
GR16-400K	16	10	4000	8000	50	50	80	C2	1(103.2), 2, 4, #
GR16-500K	16	10	5000	10000	100	100	80	C2	1(103.2), 2, 4, #
GR16-600K	16	10	6000	12000	100	100	80	C2	1(103.2), 2, 4, #
GR16-700K	16	10	7000	14000	100	100	80	C2	1(103.2), 2, 4, #
GR16-800K	16	10	8000	16000	100	100	80	C1	1(109.2), 2, 4, #
GR16-900K	16	10	9000	18000	100	100	80	C1	1(109.2), 2, 4, #
GR16-1000K	16	10	10000	20000	100	100	80	C1	1(109.2), 2, 4, #
GR16-1100K	16	10	11000	22000	100	100	80	C1	1(109.2), 2, 4, #
GR16-1200K	16	10	12000	24000	100	100	80	C1	1(109.2), 2, 4, #

GR16-1400K	16	10	14000	28000	100	100	80	C1	1(119.7), 2, 4, #
GR30-090K	30	16	900	1800	40	40	80	C1	1(119.1), 2, 4, #
GR30-110K	30	16	1100	2200	40	40	80	C1	1(119.1), 2, 4, #
GR30-135K	30	16	1350	2700	40	40	80	C1	1(119.1), 2, 4, #
GR30-160K	30	16	1600	3200	40	40	80	C1	1(119.1), 2, 4, #
GR30-185K	30	16	1850	3700	40	40	80	C1	1(119.1), 2, 4, #
GR30-250K	30	16	2500	5000	40	40	80	C1	1(119.1), 2, 4, #
GR30-300K	30	16	3000	6000	40	40	80	C1	1(119.1), 2, 4, #
GR30-400K	30	16	4000	8000	40	40	80	C1	1(119.1), 2, 4, #
GR30-500K	30	16	5000	10000	40	40	80	C1	1(105.4), 2, 4, #
GR30-600K	30	16	6000	12000	40	40	80	C1	1(105.4), 2, 4, #
GR30-700K	30	16	7000	14000	40	40	80	C1	1(105.4), 2, 4, #
GR30-800K	30	16	8000	16000	40	40	80	C1	1(115.0), 2, 4, #
GR30-900K	30	16	9000	18000	40	40	80	C1	1(113.9), 2, 4, #
GR60-005K/GR72-005K	60	30	50	150	20	20	80	C1	1(81.5), 2, 3, 4, #
GR60-010K/GR72-010K	60	30	100	200	20	20	80	C3	1(81.5), 2, 4, #
GR60-017K/GR72-017K	60	30	170	350	20	20	80	C3	1(81.5), 2, 3, 4, #
GR60-020K/GR72-020K	60	30	200	400	20	20	80	C3	1(81.5), 2, 3, 4, #
GR60-025K/GR72-025K	60	30	250	500	20	20	80	C3	1(81.5), 2, 3, 4, #
GR60-030K/GR72-030K	60	30	300	600	20	20	80	C3	1(81.5), 2, 3, 4, #
GR60-040K/GR72-040K	60	30	400	800	20	20	80	C3	1(110.5), 2, 4, #
GR60-050K/GR72-050K	60	30	500	1000	20	20	80	C1	1(110.5), 2, 3, 4, #
GR60-065K/GR72-065K	60	30	650	1300	40	40	80	C1	1(110.5), 2, 4, #
GR60-075K/GR72-075K	60	30	750	1500	40	40	80	C1	1(110.5), 2, 4, #
GR60-090K/GR72-090K	60	30	900	1800	40	40	80	C1	1(110.5), 2, 4, #
GR60-110K/GR72-110K	60	30	1100	2200	40	40	80	C1	1(110.5), 2, 4, #
GR60-135K/GR72-135K	60	30	1350	2700	40	40	80	C1	1(108.5), 2, 4, #
GR60-160K/GR72-160K	60	30	1600	3200	40	40	80	C1	1(121.2), 2, 4, #
GR60-185K/GR72-185K	60	30	1850	3700	40	40	80	C1	1(121.2), 2, 4, #
GR60-250K/GR72-250K	60	30	2500	5000	40	40	80	C1	1(121.2), 2, 4, #
GR60-300K/GR72-300K	60	30	3000	6000	40	40	80	C1	1(121.2), 2, 4, #
GR60-375K/GR72-375K	60	30	3750	7500	40	40	80	C1	1(121.2), 2, 4, #
GR135-150K	90	36	150	300	10	10	80	C2	1(101.3), 2, 4, #
GR135-250K	90	36	250	500	10	10	80	C4	1(122.7), 2, 4, #
GR135-350K	90	36	350	700	10	10	80	C4	1(122.7), 2, 4, #
GR135-450K	90	36	450	900	10	10	80	C4	1(122.7), 2, 4, #
GR135-550K	90	36	550	1100	15	15	80	C3	1(114.1), 2, 4, #
GR135-650K	90	36	650	1300	15	15	80	C3	1(114.1), 2, 4, #
GR135-750K	90	36	750	1500	15	15	80	C3	1(114.1), 2, 4, #
GR250-030K/GR265-030K	220	60	30	80	1	1	80	C2	1(87.1), 2, 4, #
GR250-050K/GR265-050K	220	60	50	100	3	3	80	C2	1(96.4), 2, 3, 4, #
GR250-080K/GR265-080K	220	60	80	160	3	3	80	C2	1(96.4), 2, 3, 4, #
GR250-090K/GR265-090K	220	60	90	180	3	3	80	C2	1(96.4), 2, 3, 4, #
GR250-110K/GR265-110K	220	60	110	220	3	3	80	C2	1(96.4), 2, 3, 4, #
GR250-120K/GR265-120K	220	60	120	240	3	3	80	C2	1(96.4), 2, 3, 4, #
GR250-145K/GR265-145K	220	60	145	290	3	3	80	C2	1(96.4), 2, 3, 4, #
GR250-160K/GR265-160K	220	60	160	320	3	3	80	C2	1(96.4), 2, 3, 4, #

	220	60	180	500	3	3	80	C4	1(129.3), 2, 4, #
GR250-200K/GR265-200K	220	60	200	400	3	3	80	C4	1(129.3), 2, 4, #
GR600-030K	220	60	30	60	1	1	80	C1	1(85.8), 2, 3, 4, #
GR600-050K	220	60	50	100	1	1	80	C1	1(85.8), 2, 3, 4, #
GR600-080K	220	60	80	160	1	1	80	C1	1(85.8), 2, 4, #
GR600-120K	220	60	120	240	3	3	80	C1	1(117.6), 2, 4, #
GR600-150K	220	60	150	300	3	3	80	C2	1(106.6), 2, 3, 4, #
GR600-160K	220	60	160	320	3	3	80	C2	1(106.6), 2, 3, 4, #
GR600-180K	220	60	180	360	3	3	80	C2	1(106.6), 2, 4, #
GR600-200K	220	60	200	400	3	3	80	C2	1(106.6), 2, 4, #

Indicates unique Condition of Acceptability

Marking: Company name, model designation and the Recognized Component Mark  permanently and legibly marked on individual parts or on the smallest shipping container.

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