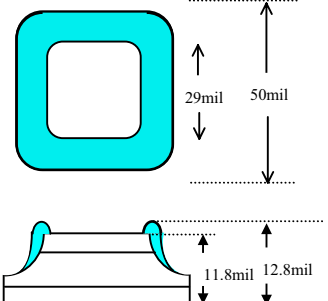


STANDARD GPP CHIP - 50MIL

PRODUCT SPECIFICATIONS					
CHIPS FOR STD GPP/SOLDERING TYPE					
TYPE: GNSG50 SERIES					
CHIP APPEARANCE	CHIP DIMENSIONS	GNSG50-500E	GNSG50-700E	GNSG50-900E	GNSG50-B00E
	CHIP SIZE	50 x 50 mils			
	Contact area	29 x 29 mils			
	Total CHIP THICKNESS	12.8 mils			
	SOLDERABLE METALLIZATION	Ni / Au			

FEATURES

- * Silicon chip with Boron / Phosphorus dopants
- * Solderable metallization Ni / Au
- * Glass passivated junction

RATINGS		SYMBOL	GNSG50-500E	GNSG50-700E	GNSG50-900E	GNSG50-B00E	UNITS
Maximum Recurrent Peak Reverse Voltage		V _R	400	600	800	1000	Volts
Maximum Average Forward Rectified Current at Derating Case Temperature		I _O	1				Amps
Maximum Instantaneous Forward Voltage at 1A DC		V _F	1.1				Volts
Maximum Average Reverse Current at Rated DC Blocing Voltage	@ T _A =25°C	I _R	5				uAmps
	@ T _A =100°C		50				
Operating Temperature Range		T _J	150				° C
Storage Temperature Range		T _{STG}	-55 to + 150				° C

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