

STANDARD GPP CHIP - 100MIL

PRODUCT SPECIFICATIONS																																																																			
CHIPS FOR STD GPP/SOLDERING TYPE																																																																			
TYPE: GDSGA0 SERIES																																																																			
CHIP APPEARANCE	CHIP DIMENSIONS	GDSGA0-500E	GDSGA0-700E	GDSGA0-900E	GDSGA0-B00E																																																														
	CHIP SIZE	100 x 100 mils																																																																	
	Contact area	75 x 75 mils																																																																	
	Total CHIP THICKNESS	11 mils																																																																	
	SOLDERABLE METALLIZATION	Ni / Au																																																																	
<p>FEATURES</p> <ul style="list-style-type: none"> * Silicon chip with Boron / Phosphorus dopants * Solderable metallization Ni / Au * Glass passivated junction 																																																																			
<table border="1"> <thead> <tr> <th colspan="2">RATINGS</th> <th>SYMBOL</th> <th>GDSGA0-500E</th> <th>GDSGA0-700E</th> <th>GDSGA0-900E</th> <th>GDSGA0-B00E</th> <th>UNITS</th> </tr> </thead> <tbody> <tr> <td colspan="2">Maximum Recurrent Peak Reverse Voltage</td> <td>V_R</td> <td>400</td> <td>600</td> <td>800</td> <td>1000</td> <td>Volts</td> </tr> <tr> <td colspan="2">Maximum Average Forward Rectified Current at Derating Case Temperature</td> <td>I_o</td> <td colspan="3">3</td> <td></td> <td>Amps</td> </tr> <tr> <td colspan="2">Maximum Instantaneous Forward Voltage at 3A DC</td> <td>V_F</td> <td colspan="3">1.1</td> <td></td> <td>Volts</td> </tr> <tr> <td rowspan="2">Maximum Average Reverse Current at Rated DC Bloking Voltage</td> <td>@ T_A=25°C</td> <td rowspan="2">I_R</td> <td colspan="3">5</td> <td></td> <td rowspan="2">uAmps</td> </tr> <tr> <td>@ T_A=100°C</td> <td colspan="3">300</td> <td></td> </tr> <tr> <td colspan="2">Operating Temperature Range</td> <td>T_J</td> <td colspan="3">150</td> <td></td> <td>°C</td> </tr> <tr> <td colspan="2">Storage Temperature Range</td> <td>T_{STG}</td> <td colspan="3">-55 to + 150</td> <td></td> <td>°C</td> </tr> </tbody> </table>							RATINGS		SYMBOL	GDSGA0-500E	GDSGA0-700E	GDSGA0-900E	GDSGA0-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	3				Amps	Maximum Instantaneous Forward Voltage at 3A DC		V _F	1.1				Volts	Maximum Average Reverse Current at Rated DC Bloking Voltage	@ T _A =25°C	I _R	5				uAmps	@ T _A =100°C	300				Operating Temperature Range		T _J	150				°C	Storage Temperature Range		T _{STG}	-55 to + 150				°C
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