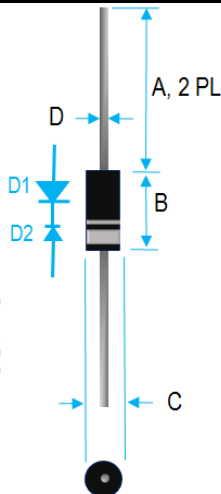




HV6X2P1 SPECIFICATIONS

Rev. A

SHORT PROTECTOR FOR MICROWAVE OVEN

 <table><tr><th colspan="3">Value Inch[mm]</th></tr><tr><th>Dim.</th><th>Min.</th><th>Max.</th></tr><tr><td>A</td><td>0.866[22.00]</td><td>---</td></tr><tr><td>B</td><td>0.787[19.99]</td><td>0.866[22.00]</td></tr><tr><td>C</td><td>0.267[6.78]</td><td>0.295[7.49]</td></tr><tr><td>D</td><td>0.048[1.22]</td><td>0.052[1.32]</td></tr></table>	Value Inch[mm]			Dim.	Min.	Max.	A	0.866[22.00]	---	B	0.787[19.99]	0.866[22.00]	C	0.267[6.78]	0.295[7.49]	D	0.048[1.22]	0.052[1.32]	PRODUCT FEATURES 1. FLAMMABILITY CLASSIFICATION: 94V-0 2. TYPICAL I_R LESS THAN 1uA 3. HIGH SURGE CURRENT CAPABILITY 4. CASE: HV03 TRANSFER MOLDED 5. DIMENSIONS IN INCHES AND (MILLIMETERS) 6. CONFIGURATON: INDICATED BY CATHODE BAND 7. WEIGHT: 2.8 GRAMS 8. LEADS: SOLDERABILITY PER MIL-STD-202 METHOD 208 9. PULLING TEST: 2.3 KG 10. RoHS
Value Inch[mm]																			
Dim.	Min.	Max.																	
A	0.866[22.00]	---																	
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MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS RATINGS AT 25°C AMBIENT TEMPERATURE UNLESS OTHERWISE SPECIFIED STORAGE AND OPERATING TEMPERATURE RANGE -40°C TO +130°C. SINGLE PHASE, HALF WAVE, 60 HZ, RESISTIVE OR INDUCTIVE LOAD. FOR CAPACITIVE LOAD, DERATE CURRENT BY 20%.

RATINGS	SYMBOL	VALUE	UNITS
MAXIMUM REVERSE CURRENT	I_R	10	uA

1. I_R TESTED AT 6KV FOR D1 AND 1.5 KV FOR D2
2. REVERSE AVALANCHE BREAKDOWN VOLTAGE (VZ) TESTED @ 100uA
3. D1, D2 ARE INTEGRATED IN THE SAME PACKAGE

RATING	MAX RECURRENT PK REV VOLTAGE V_{RRM} (V)	MAX RMS VOLTAGE V_{RMS} (V)	MAX DC BLOCKING VOLTAGE V_{DC} (V)	REV AVALANCHE BREAKDOWN VOLTAGE V_Z (KV)
D1	6000	4200	6000	7 Min
D2	1500	1050	1500	2.1 TO 2.8