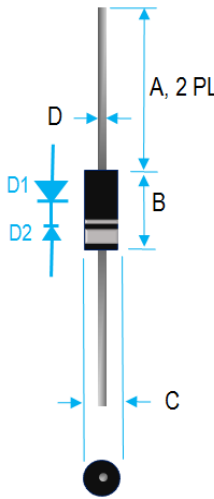


## SHORT PROTECTOR FOR MICROWAVE OVEN



| 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

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 1.7 KV FOR D2
2. REVERSE AVALANCHE BREAKDOWN VOLTAGE (VZ) TESTED @ 100uA
3. D1 , D2 ARE INTEGRATED IN THE SAME PACKAGE

| RATING | MAX RECURRENT PK<br>REV VOLTAGE $V_{RRM}$ (V) | MAX RMS VOLTAGE $V_{RMS}$ (V) | MAX DC BLOCKING<br>VOLTAGE $V_{DC}$ (V) | REV AVALANCHE<br>BREAKDOWN VOLTAGE<br>$V_Z$ (KV) |
|--------|---|-------------------------------|---|--|
| D1     | 6000  | 4200                          | 6000                                    | 7 Min  |
| D2     | 1700  | 1050                          | 1700                                    | 1.8 TO 2.4                                       |