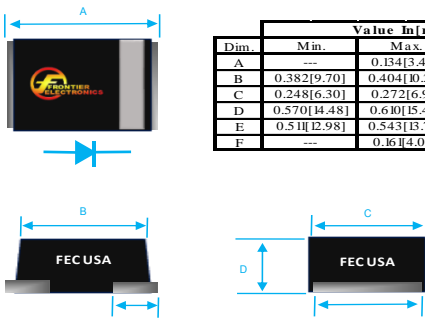


## 200MA ADVANCED SCHOTTKY BARRIER DIODE

 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">Dim.</th> <th colspan="2">Value In[mm]</th> <th rowspan="2">Typ.</th> </tr> <tr> <th>Min.</th> <th>Max.</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>---</td> <td>0.134[3.40]</td> <td>---</td> </tr> <tr> <td>B</td> <td>0.382[9.70]</td> <td>0.404[10.26]</td> <td>---</td> </tr> <tr> <td>C</td> <td>0.248[6.30]</td> <td>0.272[6.91]</td> <td>---</td> </tr> <tr> <td>D</td> <td>0.570[14.48]</td> <td>0.610[15.49]</td> <td>---</td> </tr> <tr> <td>E</td> <td>0.511[12.98]</td> <td>0.543[13.79]</td> <td>---</td> </tr> <tr> <td>F</td> <td>---</td> <td>0.161[4.09]</td> <td>---</td> </tr> </tbody> </table>	Dim.	Value In[mm]		Typ.	Min.	Max.	A	---	0.134[3.40]	---	B	0.382[9.70]	0.404[10.26]	---	C	0.248[6.30]	0.272[6.91]	---	D	0.570[14.48]	0.610[15.49]	---	E	0.511[12.98]	0.543[13.79]	---	F	---	0.161[4.09]	---	<b>PRODUCT FEATURES</b> <ol style="list-style-type: none"> <li>1. FLAMMABILITY CLASSIFICATION: 94V-0</li> <li>2. EXTREMELY LOW VF</li> <li>3. LOW STORED CHARGE</li> <li>4. MAJORITY CARRIER CONDUCTION</li> <li>5. EXTREMELY THIN PACKAGE</li> <li>6. CASE:SOD-323</li> <li>7. DIMENSIONS IN INCHES AND (MILLIMETERS)</li> <li>8. POLARITY: INDICATED BY CATHODE BAND</li> <li>9. WEIGHT: 0.0045 GRAMS</li> <li>10. MIL-STD 750 METHOD 2026</li> <li>11. ROHS</li> </ol>
Dim.		Value In[mm]			Typ.																										
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MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS RATINGS AT 25°C AMBIENT TEMPERATURE UNLESS OTHERWISE SPECIFIED STORAGE AND OPERATING TEMPERATURE RANGE -55°C TO + 150°C. SINGLE PHASE, HALF WAVE, 60 HZ, RESISTIVE OR INDUCTIVE LOAD. FOR CAPACITIVE LOAD, DERATE CURRENT BY 20%

RATINGS	SYMBOL	VALUE	UNITS
MAXIMUM AVERAGE FORWARD RECTIFIED CURRENT 0.375"(9.5mm) LEAD LENGTH (SEE FIG.1)	IO	0.2	A
PEAK FWD SURGE CURRENT, 8.3ms HALF SINE-WAVE SUPERIMPOSED ON RATED LOAD	IFSM	1.5	A
TYPICAL JUNCTION CAPACITANCE (NOTE 1)	CJ	20	pF
MAXIMUM FORWARD VOLTAGE	VF	0.55	V
MAXIMUM DC REVERSE CURRENT AT VR=30V	IR	15	uA

1. MEASURED AT 1.0 MHZ AND APPLIED REVERSE VOLTAGE OF 10.0 V
2. MAXIMUM FORWARD VOLTAGE AT IO DC

PART NUMBER	BREAK DOWN VOLTAGE BV (V)	CONTINUOUS REVERSE VOLTAGE VR (V)	MARKING
ASD723	30	30	4

## RATING AND CHARACTERISTIC CURVES

