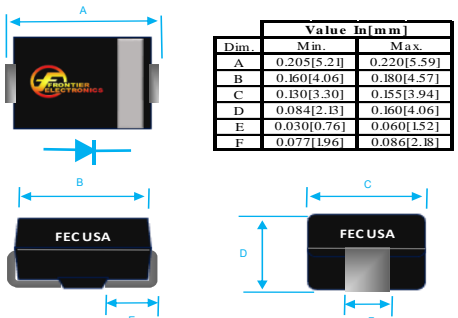


2A SURFACE MOUNT SCHOTTKY BARRIER RECTIFIERS



Dim.	Value In[mm]	
	Min.	Max.
A	0.205[5.21]	0.220[5.59]
B	0.160[4.06]	0.180[4.57]
C	0.130[3.30]	0.155[3.94]
D	0.084[2.13]	0.160[4.06]
E	0.030[0.76]	0.060[1.52]
F	0.077[1.96]	0.086[2.18]

PRODUCT FEATURES

1. FLAMMABILITY CLASSIFICATION: 94V-0
2. EXTREMELY LOW VF
3. MAJORITY CARRIER CONDUCTION
4. BUILT-IN STRAIN RELIEF
5. LOW PROFILE
6. CASE: MOLDED PLASTIC, DO-214AA (SMB)
7. DIMENSIONS IN INCHES AND (MILLIMETERS)
8. POLARITY: INDICATED BY CATHODE BAND
9. WEIGHT 0.093 GRAMS
10. ROHS

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 (SEE FIG.1)	IO	2	A
8.3ms SINGLE HALF SINE-WAVE	IFSM	50	A
TYPICAL THERMAL RESISTANCE (NOTE 2)	Rqja	75	°C/W
TYPICAL THERMAL RESISTANCE (NOTE 2)	Rqjl	17	°C/W
MAXIMUM REVERSE CURRENT AT 25°C	IR	1000	uA
MAXIMUM REVERSE CURRENT AT 100 °C	IR	20000	uA

NOTES: 1. PULSE TEST: 300µs PULSE WIDTH, 1% DUTY CYCLE

2. P.C.B. MOUNTED 0.55"x0.55 "(14x14 mm) 0.013mm THICK COPPER PAD AREAS

3. MAXIMUM FORWARD VOLTAGE AT IO

PART NUMBER	MAXIMUM RECURRENT PEAK REVERSE VOLTAGE VRRM (V)	MAXIMUM RMS VOLTAGE VRMS (V)	MAXIMUM DC BLOCKING VOLTAGE VDC (V)	MAXIMUM FORWARD VOLTAGE VF (V)
SS22	20	14	20	0.5
SS23	30	21	30	0.5
SS24	40	28	40	0.5
SS25	50	35	50	0.7
SS26	60	42	60	0.7
SS28	80	56	80	0.85
SS210	100	70	100	0.85

RATING AND CHARACTERISTIC CURVES

