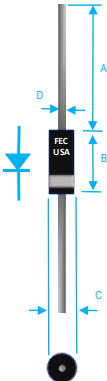


HIGH VOLTAGE FAST RECOVERY AIR CLEANER RECTIFIER



Dim.	Value In[mm]	
	Min.	Max.
A	1000[25.40]	---
B	0.787[19.99]	0.866[22.00]
C	0.276[7.01]	0.295[7.49]
D	0.024[0.61]	0.035[0.89]

PRODUCT FEATURES

1. FLAMMABILITY CLASSIFICATION: 94V-0
2. LOW FORWARD VOLTAGE DROP
3. HIGH OVER LOAD SURGE CAPABILITY
4. CASE: TRANSFER MOLDED, FH
5. DIMENSIONS IN INCHES AND (MILLIMETERS)
6. POLARITY: INDICATED BY CATHODE BAND
7. WEIGHT : 2.4 GRAMS
8. TERMINALS : PER MIL-STD-202, METHOD 208
9. 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	IO	0.01	A
PEAK FWD SURGE CURRENT, 8.3ms HALF SINE-WAVE SUPERIMPOSED ON RATED LOAD	IFSM	0.5	A
TYPICAL JUNCTION CAPACITANCE(NOTE1)	CJ	1	pF
MAXIMUM REVERSE CURRENT @ 25°C	IR	5	uA
MAXIMUM REVERSE RECOVERY TIME	TRR	100	nS

2. MAXIMUM FORWARD VOLTAGE AT IO DC

PART NUMBER	MAX RECURRENT PK REV VOLTAGE VRRM (V)	MAX RMS VOLTAGE VRMS (V)	MAX DC BLOCKING VOLTAGE VDC (V)	MAXIMUM FORWARD VOLTAGE VF (V)
FH10M-08	8000	5600	8000	25
FH10M-10	10000	7000	10000	30
FH10M-12	12000	8400	12000	37.5
FH10M-16	16000	11200	16000	50
FH10M-20	20000	14000	20000	62.5
FH10M-24	24000	16800	24000	75