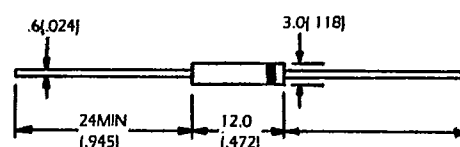


T-03-09
T-11-13**FAST RECOVERY HIGH VOLTAGE RECTIFIER****FAST RECOVERY HIGH VOLTAGE (PHOTO FLASH) RECTIFIER**

TYPE	INDUSTRY	PEAK INVERSE	MAX. AVG.	MAX. FWD	MAX. FWD.	MAX. REVERSE	REVERSE	PACKAGE
	PART NO	VOLTAGE	FWD.	SURGE	VOLTAGE	CURRENT	RECOVERY	
		PIV(V)	CURRENT	1 CYCLE	@ TA 25°C	@ 25°C	TIME IF = IR10mA.	
			IO (A) @ TA(°C)	60HZ	@ RATED CURRENT	@ RATED PIV	Irr 1mA	
				IFSM(APK)	VFM (V)	IR(μA)	TRR(ns)	
FR05-10	—	1000	0.5A @ 55°C	30	2.0V @ 0.5A	5	500	DO-41
FR05-15	—	1500						
FR05-18	—	1800						
FR05-20	—	2000						
FR02-25	—	2500	0.2A @ 55°C	30	4.0V @ 0.2A	5	500	DO-15
FR02-30	—	3000						
FR02-35	—	3500						
FR02-40	—	4000						
FR02-50	—	5000			8.0V @ 0.2A			
FR02-60	—	6000						

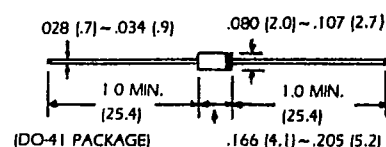
**5mA HIGH VOLTAGE FAST RECOVERY RECTIFIER**

(FV10 PACKAGE)

TYPE	INDUSTRY PART NO	PEAK INVERSE VOLTAGE	MAX. AVG. FWD. CURRENT	MAX. FWD SURGE CURRENT 1 CYCLE 60HZ	MAX. FWD. VOLTAGE @ TA 25°C @ RATED CURRENT	MAX. REVERSE CURRENT @ 25°C @ RATED PIV	REVERSE RECOVERY TIME IF = 0.5IR1A. IRR0 25A
		PIV(V)	IO (A) @ TA(°C)	IFSM(APK)	VFM (V)	IR(μA)	TRR(ns)
FV5M-08	ESJA 53-08	8000	5mA @ 25°C	1.0	25V	5	0.1μs @ IF 2mA
FV5M-10	ESJA 53-10	10000			30V		
FV5M-12	ESJA 53-12	12000			37.5V		
FV5M-14	ESJA 53-14	14000			42.5V		
FV5M-16	ESJA 53-16	16000			50V		
FV5M-18	ESJA 53-18	18000			55V		
FV5M-20	ESJA 53-20	20000			62.5V		
FV5M-22	ESJA 53-22	22000			62.5V		
FV5M-24	ESJA 53-24	24000			75V		

ZENER DIODES**1 WATT ZENER DIODE-PLASTIC**

OPERATING AND STORAGE TEMPERATURE -65°C to +175°C



TYPE	Zener Breakdown Voltage	Dynamic Impedances @ 25°C TA				Maximum Reverse Current @ Measurement Voltage and 25°C TA		Maximum Forward Voltage @ 25°C TA @ IF = 1.0A
	VZ	IZT	ZZT	IZK	ZZK	VR	IR	VF
	V	mA	Ohms	mA	Ohms	V	μA	V
Z10-100	100	5	600	.25	5000	75	0.5	1.0
Z10-110	110	5	750	.25	5000	80	0.5	1.0
Z10-115	115	5	750	.25	5000	85	0.5	1.0
Z10-120	120	5	850	.25	5000	90	0.5	1.0
Z10-130	130	5	1000	.25	5000	95	0.5	1.0
Z10-135	135	5	1100	.25	5000	100	0.5	1.0
Z10-140	140	5	1200	.25	5000	105	0.5	1.0
Z10-150	150	5	1300	.25	5000	110	0.5	1.0
Z10-160	160	5	1500	.25	5000	120	0.5	1.0
Z10-170	170	5	2200	.25	5000	130	0.5	1.0
Z10-180	180	5	2200	.25	5000	140	0.5	1.0
Z10-190	190	5	2500	.25	5000	150	0.5	1.0
Z10-200	200	5	2500	.25	5000	160	0.5	1.0
Z10-300	300	5	5000	.25	9000	260	0.5	1.0
Z10-330	330	5	5000	.25	9500	280	0.5	1.0

NOTE: Standard ±20%, Suffix "A" ±10%, Suffix "B" ±5%.