



2HUSFK SERIES

5 to 50kV, 1250 to 2000mA, 40nS
Rectifier Blocks with Insert Mounting



Features

- Epoxy Molded Encapsulation with Mounting Inserts
- Threaded Brass Solder Terminal Inserts

Specifications¹

Part Number ²	V _{RRM} V	I _{FAVM} mA	V _F V	I _R μA	I _{FSM} A	T _{RR} nS	L in.	W in.	Drawing #
2HUSF5K	5000	2000	10	5	60	40	4	1	Figure 1
2HUSF8K	8000	1750	16	5	60	40	6	1	Figure 1
2HUSF10K	10000	1500	20	5	60	40	7	1	Figure 1
2HUSF15K	15000	1500	30	5	60	40	4	2	Figure 2
2HUSF20K	20000	1250	40	5	60	40	6	2	Figure 2
2HUSF25K	25000	1250	50	5	60	40	8	2	Figure 2
2HUSF30K	30000	1250	60	5	60	40	4	3	Figure 2
2HUSF40K	40000	1250	80	5	60	40	8	3	Figure 2
2HUSF50K	50000	1250	100	5	60	40	6	4	Figure 2

Temperature °C	
Operating Temperature	-55 to 150
Storage Temperature	-55 to 150
Maximum Junction Temperature	150

¹125°C ambient temperature unless stated otherwise.

²For solder turrets add suffix "T"; for mounting studs add suffix "S".

Drawings

Figure 1

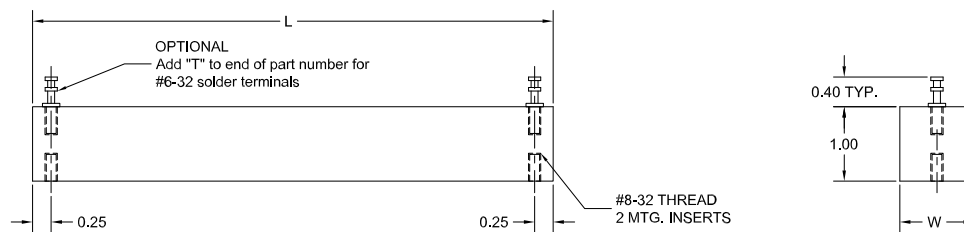
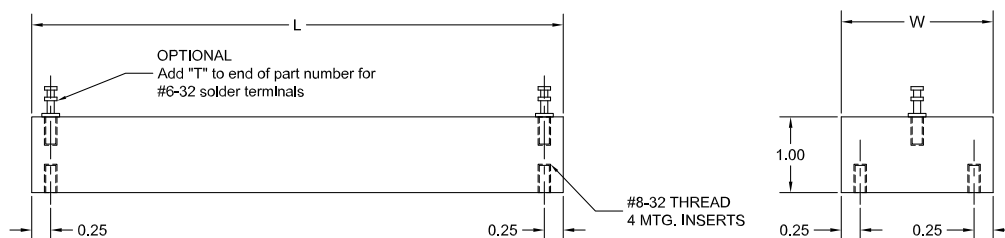


Figure 2



Dimensions in inches, tolerances ±0.020 except as noted



2HUSFK SERIES

Specification Definitions

Specifications		Conditions
V_{RRM}	Maximum Repetitive Reverse Voltage	-
I_{FAVM}	Maximum Average Forward Current	At T _A = 55°C
V_F	Maximum Forward Voltage Drop	At I _{FAVM}
I_R	Maximum Leakage Current	At V _{RRM}
I_{FSM}	Maximum Surge Current	At 8.3 mS, Single Half Sine
T_{RR}	Maximum Reverse Recovery Time	I _F = 0.5A; I _R = -1.0A; I _{RR} = -0.25A

Note: Specifications subject to change without notice. Photo is representation only.

