

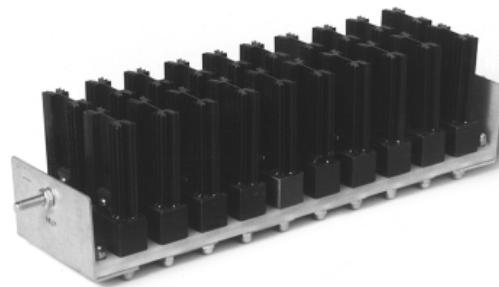


HRS10-30

48 kV, 10 AMPS
Power Rectifier Assembly

Features

- Capacitor Compensated Power Rectifier Assembly
- Manufactured with RoHS compliant materials
- Complete replacement for:
Philips Amperex RS3.5, RS5, RS10,
OSB-,OSM-, OSS-,9115, 9215, 9415

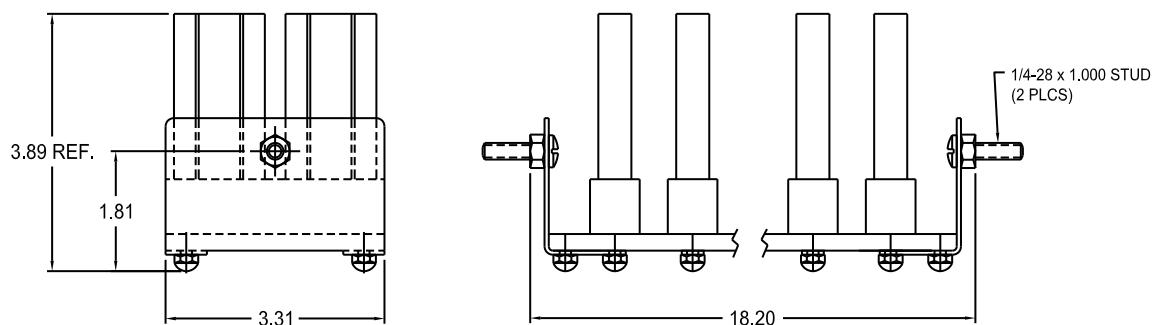


Electrical Characteristics and Ratings

(25°C ambient temperature unless stated otherwise)

Parameter	Conditions	Symbol	Value	Units
Repetitive Peak Reverse Voltage	--	V_{RRM}	48	kV
Average Forward Current Maximum	$T_A = 50^\circ\text{C}$	I_{FAVM}	10	Amps
Average Forward Current Max, $T_A = 50^\circ\text{C}$	(Forced air 300 ft/min)	I_{FAVM}	25	Amps
Maximum Surge Current	10msec, Sine Pulse	I_{FSM}	950	Amps
Voltage Forward	$V_F @ I_F = 5.0 \text{ Amps}$	V_F	30	V
Operating & Storage Temperature Range	--	T_{STG}	-50 to 150	°C
Maximum Reverse Leakage Current	@ $V_{RRM} @ T_J = 25^\circ\text{C}$	I_R	100	µA

Case Outline and Dimensions



DIMENSIONS ARE IN INCHES (in)