

Part #			I <sub>max</sub>	I <sub>max</sub> (Amps)		Q <sub>max</sub> (Watts)		V <sub>max</sub> (Volts)		(°C)   1	Г <sub>max</sub> (°C)	
19911-5M31-12CW			1	12.0		177.1		23.8		;	125°C	
							<b>Custom Options:</b> Call for custom wire types and other custom options.					
							Notes: Typical power input is 40% to 80% of $I_{max}$ Maximum Waste Heat (exiting the hot side) at 100% input power, $I=I_{max}$ , $V=V_{max}$ is; $(I_{max} * V_{max}) + Q_{max} = 462.7$ watts Use of a properly sized heat sink or water block is required to remove waste heat.					
Bottom Plate					Plate			ed Height La		pped Height		
A B			3	С		D		Н		н		
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
50.0	1.97	50.0	1.97	50.0	1.97	50.0	1.97	NA	NA	4.2	.165	
	v/o leads) rams	Top Side Botto		⊨B→•	Top Top Top $H \stackrel{\downarrow}{=} $ $G \stackrel{\downarrow}{=} $ $G$							
← D →   Q <sub>c</sub> Vs Amps					199 Couples 12 Amps		← D →	Volts \	/s. Amps		199 Couples 12 Amps	
200.0 180.0 180.0 140.0 120.0 0 80.0 60.0 40.0 20.0 0.0 40.0 0.0 40.0 0.0 40.0 0.0		0 4.0 5.0 6.1 I (Arr			$27^{\circ}C = Th$ Delta T in °C 	30.0 25.0 20.0 (s) 5.0 5.0 0.0 0.5	1.5 2.5 3.5	5 4.5 5.5 I (An		9.5 10.5	27°C = Th Delta T in °C 0 	

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