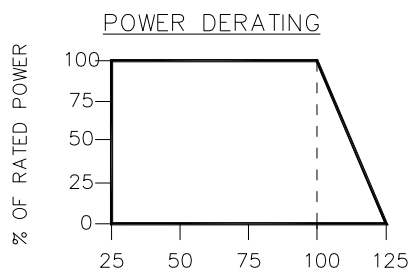


Specifications

PART NUMBER	Frequency Range DC – 3.0Ghz		Frequency Range 3.0 – 4.0Ghz	
	ATTENUATION (dB)	RL (dB)	ATTENUATION (dB)	RL (dB)
D10AA1Z4	1 ±0.30	19	1 ±0.30	15
D10AA2Z4	2 ±0.30	19	2 ±0.30	15
D10AA3Z4	3 ±0.30	19	3 ±0.30	15
D10AA4Z4	4 ±0.30	19	4 ±0.40	14
D10AA5Z4	5 ±0.30	19	5.1 ±0.35	14.75
D10AA6Z4	6 ±0.30	19	6 ±0.30	15
D10AA7Z4	7 ±0.30	19	7 ±0.30	12
D10AA9Z4	9 ±0.25	19	9 ±0.30	12
D10AA10Z4	10 ±0.25	19	10 ±0.35	14.75
D10AA20Z4	20 ±0.50	19	19.5 ±0.50	14.75
D10AA30Z4	30 ±1.50	19	30.25 ±1.5	15

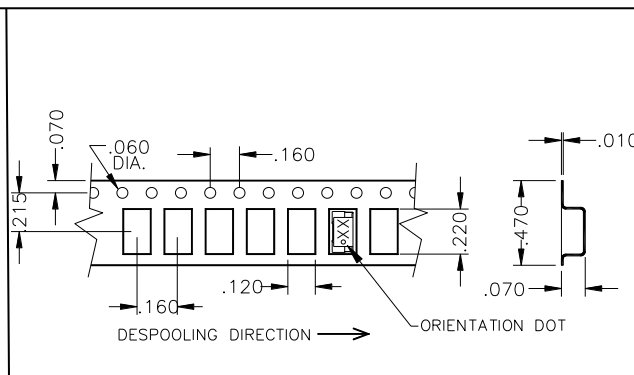
Power De-rating



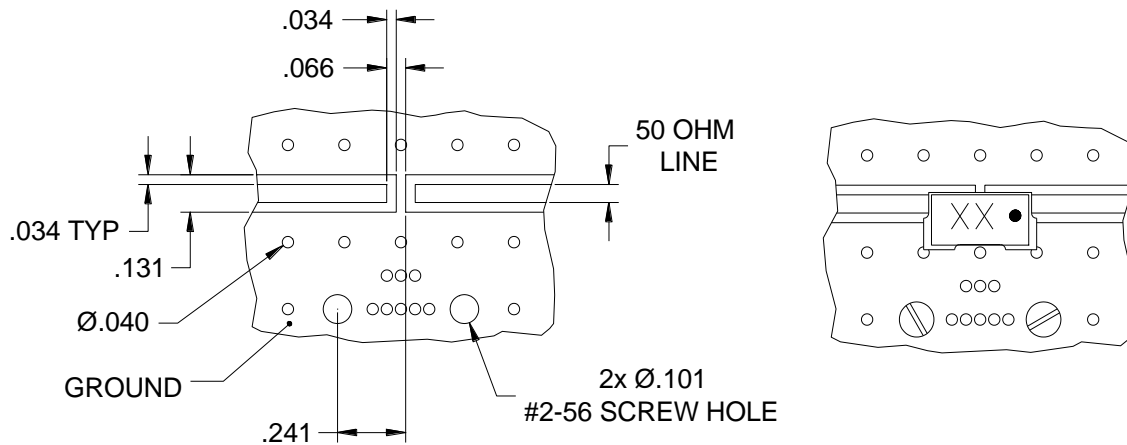
P.C.B. SOLDER INTERFACE TEMPERATURE – °C

*Actual performance could be limited by the solder properties of the application

Tape and Reel



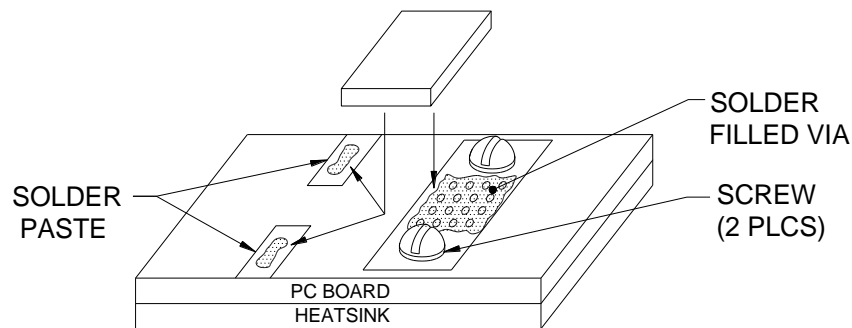
Mounting Footprint



DIMENSIONS GIVEN IN INCHES.

FOR BEST THERMAL PERFORMANCE THE PCS SHOULD BE PLACED WITH THERMAL JOINT COMPOUND TO THE HEAT SINK.

Mounting Procedure



MOUNTING PROCEDURE

1. DRILL THERMAL VIAS THROUGH PCB AND FILL WITH SOLDER, SUCH AS Sn96.
2. SOLDER PART IN PLACE USING Sn96 TYPE SOLDER WITH A CONTROLLED TEMPERATURE IRON (260°C).
3. TO ENSURE GOOD THERMAL CONNECTIVITY TO HEAT SINK, DRILL AND TAP HEATSINK AND MOUNT PCB BOARD TO HEATSINK USING SCREWS.

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