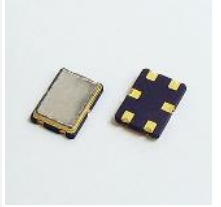


SMD MONOLITHIC CRYSTAL FILTER

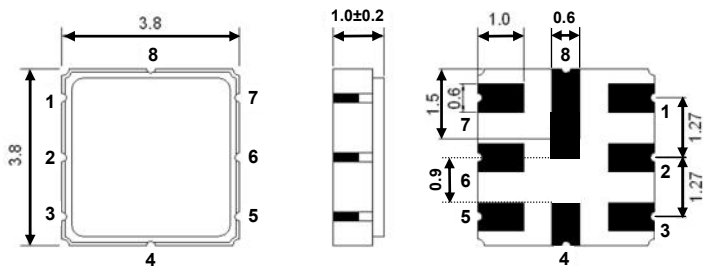
FEATURES:

- THIN AND LIGHT WEIGHT
- EXCELLENT SHOCK AND VIBRATION RESISTANCE
- SUITABLE FOR AUTOMATIC PICK AND PLACE
- CAPABLE OF REFLOW



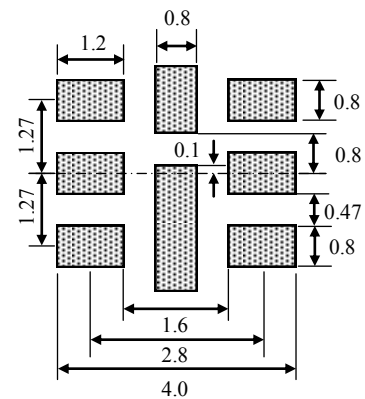
PART NUMBER	NOMINAL FREQUENCY	OSCILLATION MODE	PASS BANDWIDTH		STOP BANDWIDTH		GUARANTEED ATTENUATION		RIPPLE	INSERTION LOSS	TERMINAL IMPEDANCE	OPERATING TEMP. RANGES
	(MHz)		(dB)	(kHz)	(dB)	(kHz)	(dB)	(kHz)				
450MTS15A	45.000	FUND	3	±7.5	13	±25.0	60	-900	0.5	2.0	560//6.0	-30 to +80
450MTS30A	45.000	FUND	3	±15.0	15	±60.0	60	-900	1.0	2.5	1100//1.0	-30 to +80
1096MTS20B	109.650	3rd	0.5	±10.0	22	±60.0	-	-900	0.5	2.5	2000//0.6	-30 to +80
1300MTS20B	130.000	3rd	0.5	±10.0	10	±25.0	70	-900	0.5	3.0	870//1.5	-30 to +80

■ PACKAGE DIMENSIONS



Pad Configuration	
1	IN
5	OUT
2,3,4,6,7,8	GND

■ SOLDER PATTERN



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