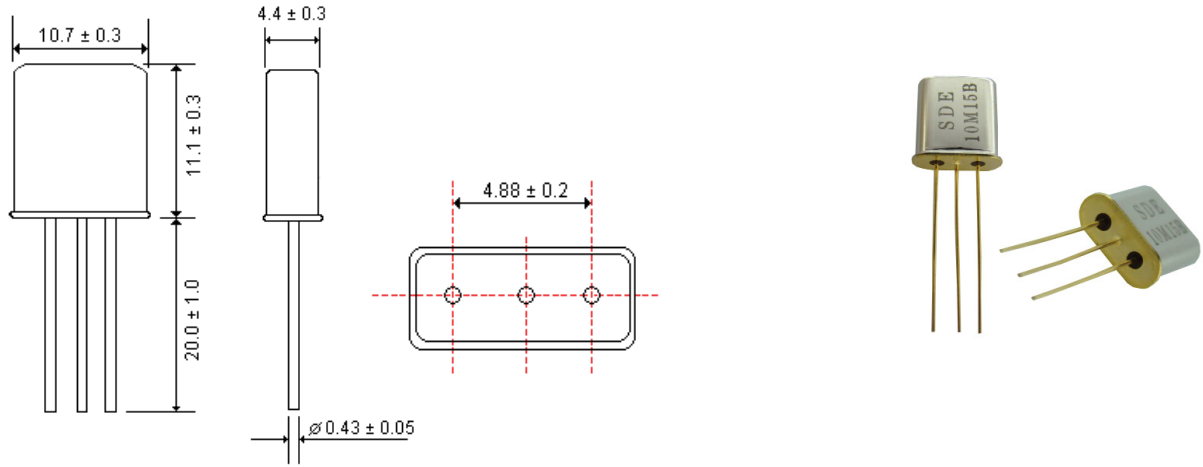




DESCRIPTION

This specification shall cover the characteristics of crystal filter unit 49T.

MECHANICAL DIMENSIONS (all in mm)



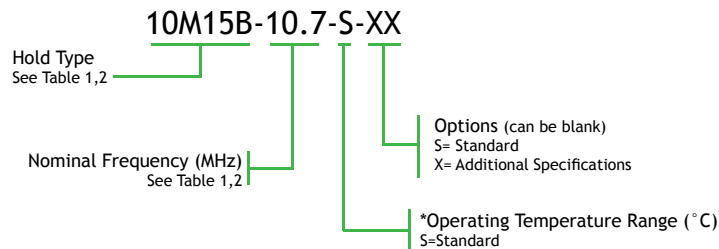
ELECTRICAL SPECIFICATION 2-POLE - TABLE 1

Part Number	Nominal Frequency	Pass Band Width		Stop Band Width		Ripple	Insertion Loss	Terminal Impedance	Operating Temp. Range
	MHz	dB	kHz	dB	kHz				
10M7A	10,700	3	±3.75	20	±18,0	0.5	2.0	1800//5.0	-20 to +70
10M12A	10,700	3	±6.0	18	±20.0	0.5	2.0	3000//3.0	-20 to +70
10M15A	10,700	3	±7.5	18	±25.0	0.5	2.0	3000//2.0	-20 to +70
10M30A	10,700	3	±15	18	±50.0	0.5	2.0	5500//1	-20 to +70

ELECTRICAL SPECIFICATION 4-POLE - TABLE 2

Part Number	Nominal Frequency	Pass Band Width		Stop Band Width		Ripple	Insertion Loss	Terminal Impedance	Operating Temp. Range
	MHz	dB	kHz	dB	kHz				
10M7B	10,700	3	±3.75	40	±14,0	1.0	2.5	1800/4/12	-20 to +70
10M12B	10,700	3	±6.0	40	±20.0	1.0	2.5	2800/1.5/7	-20 to +70
10M15B	10,700	3	±7.5	40	±25.0	1.0	2.5	3000/1/5	-20 to +70
10M30B	10,700	3	±15	40	±50.0	1.0	2.5	5500/-1/0	-20 to +70

PART NUMBERING SYSTEM (Example)



* Operating Temperature Range: -20 to 80°C (Standard)

* Specific Operating Temperature Range under request.