

Crystal Filters

TMCF 45 MHz Fundamental Series Crystal Filter



Model	Channel Spacing	Poles	Pass Band dB kHz	Stop Band		Ripple dB (max.)	Loss dB (max.)	Terminating Impedance Input/Output ohms//pF	Coupling Cap pF	Case Code
				dB kHz	dB kHz					
T45U 8AF	12.5 kHz	2	3 ± 3.75	10 ± 12.5	65 ± 910	1.0	2.0	200 // 4		A-5
T45U 8BF	12.5 kHz	4	3 ± 3.75	30 ± 12.5	90 ± 910	1.0	4.0	350 // 6	21	A-5 \times 2
T45U 8CF	12.5 kHz	6	3 ± 3.75	50 ± 12.5	90 ± 910	2.0	6.0	350 // 5		D-5
T45U 12AF	20 kHz	2	3 ± 6.0	15 ± 20.0	65 ± 910	1.0	2.0	500 // 5		A-5
T45U 12BF	20 kHz	4	3 ± 6.0	35 ± 20.0	90 ± 910	1.0	3.0	500 // 4	12	A-5 \times 2
T45U 15AF	25 kHz	2	3 ± 7.5	15 ± 25.0	65 ± 910	1.0	2.0	650 // 3		A-5
T45U 15BF	25 kHz	4	3 ± 7.5	35 ± 25.0	90 ± 910	1.0	3.0	300 // 4	21	A-5 \times 2
T45U 15AG	25 kHz	2	3 ± 7.5	15 ± 25.0	65 ± 910	1.0	2.0	350 // 1		A-5
T45U 15BG	25 kHz	4	3 ± 7.5	35 ± 25.0	90 ± 910	1.0	3.0	650 // 3		A-5 \times 2
T45U 20AF	--	2	3 ± 10.0	15 ± 40.0	65 ± 910	1.0	2.0	800 // 3		A-5
T45U 20BF	--	4	3 ± 10.0	35 ± 40.0	90 ± 910	1.0	3.0	800 // 2	7	A-5 \times 2
T45U 30AF	50 kHz	2	3 ± 15.0	10 ± 50.0	65 ± 910	1.0	2.0	1200 // 1.5		A-5
T45U 30BF	50 kHz	4	3 ± 15.0	35 ± 50.0	90 ± 910	1.0	3.0	1200 // 1.5	4	A-5 \times 2
T45U 30AG	50 kHz	2	3 ± 15.0	10 ± 50.0	65 ± 910	1.0	2.0	800 // 2		A-5
T45U 30BG	50 kHz	4	3 ± 15.0	35 ± 50.0	90 ± 910	1.0	3.0	800 // 1	6	A-5 \times 2

Technical drawing of a mechanical part showing front and top views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall height: $.453$ (11.5)
- Top section height: $.158$ (4.0)
- Bottom section height: $.276$ Min (7.0 Min)
- Bottom section width: $.059$ (1.5)
- Bottom section depth: $.012^\circ$ (0.3)

Top View Dimensions:

- Overall width: $.335$ (8.5)
- Overall height: $.079$ (2.0)
- Feature A: $.079$ (2.0)
- Feature E: $.079$ (2.0)

Case Code	A	L
D-5	.291 (7.4)	.433 (11.0)



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