

SPECIFICATION & STANDARD FREQUENCIES *

Model	Nominal Freq. (MHz)	Pole	Insertion Loss (dB)	Passband Ripple (dB)	Passband Width at-3dB(KHz)	Attenuation Bandwidth(KHz)				Terminating Impedance (KΩ/PF)	Operating Temp. Range(°C)	Holder* Type
						18dB	40dB	60dB	80dB			
8MF10A	8.448	2	1.0	0.5	±5.0	±25				3.0	-20~+70	CU or CT
8MF15A			1.0	1.0	±7.5	±28				3.0		
8MF18A			1.5	1.5	±9.0	±32				3.0		
10.695MF7.5A	10.695	2	2.0	0.5	±3.75	±15			1.6/5			
10.695MF15A			1.5	0.5	±7.5	±25			3.0			
10.7MF7.5A	10.7	2	2.0	0.5	±3.75	±15			1.6/5	CT		
10.7MF7.5B		4	2.0	1.0	±3.75		±12.5		1.5/4	TX2		
10.7MF7.5C		6	3.0	2.0	±3.75			±12.5	1.6/4	TX3		
10.7MF12A		2	1.5	0.5	±6.0	±25 @20dB				2.5		T
10.7MF12B			4	2.0	1.0	±6.0		±20		2.0		TX2
10.7MF12C			6	3.0	2.0	±6.0			±20	2.0		TX3
10.7MF15A		2	1.5	0.5	±7.5	±25				2.0		CT
10.7MF15B			4	2.0	1.5	±7.5		±25		2.0		F3
10.7MF15C			6	3.0	2.0	±7.5			±22.5	2.0		F4 or F5
10.7MF15D		8	4.0	2.0	±7.5				±22.5	2.0		F4 or F5
10.7MF20A		2	2.0	0.5	±10	±32				2.0	CT	
10.7MF20B			4	2.0	2.0	±10		±32		2.0	TX2	
10.7MF20C			6	3.0	2.0	±10			±30	2.0	F4 or F5	
14.5MF26A		14.5	2	2.0	0.5	26~28	±25 @10dB			2.3	-40~+70	CT
14.5MF22D			8	4.0	1.0	±11			±33	±49 @70dB		Input:0.05 Output:1.25
16.9MF15A	16.9	2	1.0	0.5	±7.5	±28			2.0	-20~+70	CA or CB	
16.9MF15B		4	2.0	2.0	±7.5		±25		2.0		CAX2 or CBX2	
17.9MF15A	17.9	2	1.5	1.0	±7.5	±25			1.5or2.0		CA or CB	
21.4MF7.5A	21.4	2	2.0	1.0	±3.75	±20 @20dB			1.0/5		CA or CB	
21.4MF7.5B			4	2.5	1.5	±3.75		±14			1.0/4	CAX2 or CBX2
21.4MF12A			2	1.5	0.5	±6.0	±25 @20dB				1.5	CA or CB
21.4MF12B		4	2.0	1.0	±6.0		±20		1.5		CAX2 or CBX2	
21.4MF15A		2	1.5	0.5	±7.5	±25					1.5	CA or CB
21.4MF15B			4	2.0	1.0	±7.5		±25			1.5	CAX2 or CBX2
21.4MF15C			6	3.0	2.0	±7.5			±24		1.5	F1
21.4MF15D		8	4.0	2.0	±7.5				±18.5		1.5	F2
21.4MF20A		2	2.0	0.5	±10	±32					1.5	CA or CB
21.4MF20B			4	2.0	2.0	±10		±32			1.5	CAX2 or CBX2
21.4MF20C			6	3.0	2.0	±10			±30		1.5	F1
21.6MF7.5A		21.6	2	2.0	1.0	±3.75	±15				0.9/5	CA or CB
21.6MF7.5B			4	2.0	1.0	±3.75		±15		0.9	CAX2 or CBX2	
21.6MF15A			2	1.5	0.5	±7.5	±25				1.6	CA or CB
21.6MF15B				4	2.0	1.0	±7.5		±25		1.6	CAX2 or CBX2
30MF10A	30	2	2.0	0.5	±6.0	±25			1.5	CA or CB		
30MF10B		4	2.0	1.5	±7.5		±25		1.5	CAX2 or CBX2		
45MF15A	45	2	2.0	1.0	±7.5	±28			1.0	CA or CB		
45MF15B		4	3.0	1.0	±7.5		±25 @30dB		1.0	CAX2 or CBX2		
45MF20B			4	3.0	1.5	±10		±40 @35dB		1.0	CAX2 or CBX2	
45MC15A	45	2	2.0	1.0	±7.5	±25			4.0	CA or CB		
45MC15B		4	2.0	2.0	±7.5		±25		4.0	CAX2 or CBX2		
45MC20B			4	3.0	2.5	±10		±28		5.0	CAX2 or CBX2	
58MC15B	58	4	3.0	2.0	±7.5		±25		5.0	CAX2 or CBX2		
75MC15A	75	2	4.0	2.0	±7.5	±28			4.0	CA or CB		

* Specifications Subject to Change Without Notice ● Holder Type CAM & CBM are available

PARTNUMBER GUIDE

TGS	MCF	CA	-21.4M	F	15	A	-B
Mark	Monolithic Crystal Filter	Holder Type	Frequency Range	F: Fund C: 3rd Overtone	2 x (Passband width at 3dB)	A:2 pole B:4 pole C:6 pole D:8 pole	A: AMNO-Pack B: Bulk T: Tape/Reel

e.g. Full P/N.: TGS MCF CA-21.4MF15A-B
Short P/N.: 21.4MF15A-B (Others is standard Spec.)

