

Shoulder 好达

SHOULDER ELECTRONICS CO., LTD.

CRYSTAL FILTER Data Sheet

PRODUCT 产 品: CRYSTAL FILTER

MODEL NO 型 号: UM-5

PREPARED 编 制: Fengyu

CHECKED 审 核: York

APPROVED 批 准:

DATE 日 期: 2007-01-25

1. 2 POLE SPECIFICATION

MODEL	NOMINAL FREQUENCY	PASS BAND WIDTH		STOP BAND WIDTH		RIPPLE	INSERTION LOSS	TERMINAL IMPEDANCE	OPERATING TEMP. RANGE
	(MHz)	(dB)	(KHz)	(dB)	(KHz)	(dB)	(dB)	(Ohm//pF)	(°C)
21M7A	21.400	3	-/+3.75	18	-/+14.0	0.5	1.5	850//7.0	-20 TO +70
21M12A	21.400	3	-/+6.0	15	-/+20.0	0.5	1.5	1200//2.5	-20 TO +70
21M15A	21.400	3	-/+7.5	18	-/+25.0	0.5	1.5	1500//3.0	-20 TO +70
21M30A	21.400	3	-/+15	15	-/+45.0	0.5	1.5	3000//0.5	-20 TO +70
21T7A	21.700	3	-/+3.75	18	-/+14.0	0.5	1.5	850//5.0	-20 TO +70
21T12A	21.700	3	-/+6.0	15	-/+20.0	0.5	1.5	1200//2.5	-20 TO +70
21T15A	21.700	3	-/+7.5	18	-/+25.0	0.5	1.5	1500//3.0	-20 TO +70
21T30A	21.700	3	-/+15	15	-/+45.0	0.5	1.5	3000//0.5	-20 TO +70

2. 4 POLE SPECIFICATION

MODEL	NOMINAL FREQUENCY	PASS BAND WIDTH		STOP BAND WIDTH		RIPPLE	INSERTION LOSS	TERMINAL IMPEDANCE	OPERATING TEMP. RANGE
	(MHz)	(dB)	(KHz)	(dB)	(KHz)	(dB)	(dB)	(Ohm//pF//pF)	(°C)
21M7B	21.400	3	-/+3.75	40	-/+14.0	1.0	2.0	850//5//16	-20 TO +70
21M12B	21.400	3	-/+6.0	40	-/+20.0	1.0	2.0	1200//2.5//10.5	-20 TO +70
21M15B	21.400	3	-/+7.5	40	-/+25.0	1.0	2.0	1500//2//8	-20 TO +70
21M30B	21.400	3	-/+15	40	-/+50.0	1.0	2.0	3300//0.5//3	-20 TO +70
21T7B	21.700	3	-/+3.75	40	-/+14.0	1.0	2.0	850//5//16	-20 TO +70
21T12B	21.700	3	-/+6.0	40	-/+20.0	1.0	2.0	1200//2.5//10.5	-20 TO +70
21T15B	21.700	3	-/+7.5	40	-/+25.0	1.0	2.0	1500//2//8	-20 TO +70
21T30B	21.700	3	-/+15	40	-/+50.0	1.0	2.0	3300//0.5//3	-20 TO +70

3. PART NUMBERING

UM-5-21M15A

Package – Model

4. DIMENSION

