Approved by:

Checked by:

Issued by:

SPECIFICATION

PRODUCT: CRYSTAL FILTER

MODEL: UM-1-45M



SHOULDER ELECTRONICS LIMITED

1. SCOPE

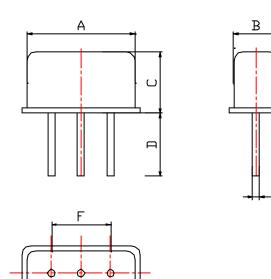
This specification shall cover the characteristics of crystal filter with P/N:

UM-1-45M15B

2. ELECTRICAL SPECIFICATION

ITEM	SPECIFICATION	
Holder type	UM-1	
Central Frequency	45.0MHz	
Number of pole	4 poles	
Pass Bandwidth	3dB/ ± 7.50KHz min.	
Stop Bandwidth	40dB/ ± 22.0KHz max.	
Ripple	1.5dB max.	
Insertion Loss	3.0dB max.	
Terminating Impedance	560 //3.0 pF//10pF	
Operating temperature	-20~+70	
Aging in one year	3ppm/year	

3. DIMENSION



	A	В	С	D	E	F
UM-1	7.8 ± 0.2	3.0 ± 0.2	7.8 ± 0.2	12.5 ± 1.0	0.35 ± 0.05	3.75 ± 0.2