

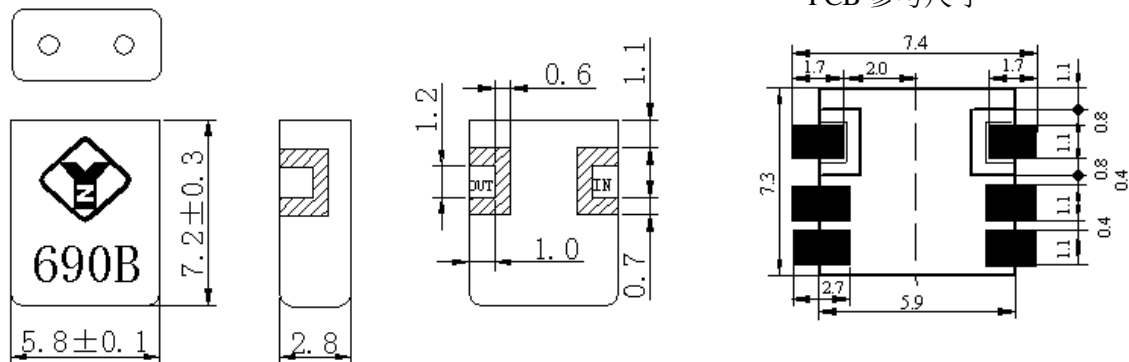
# SHOULDER 介质滤波器样品说明书

产品型号：DFC690B16A

## 1、电性能指标：

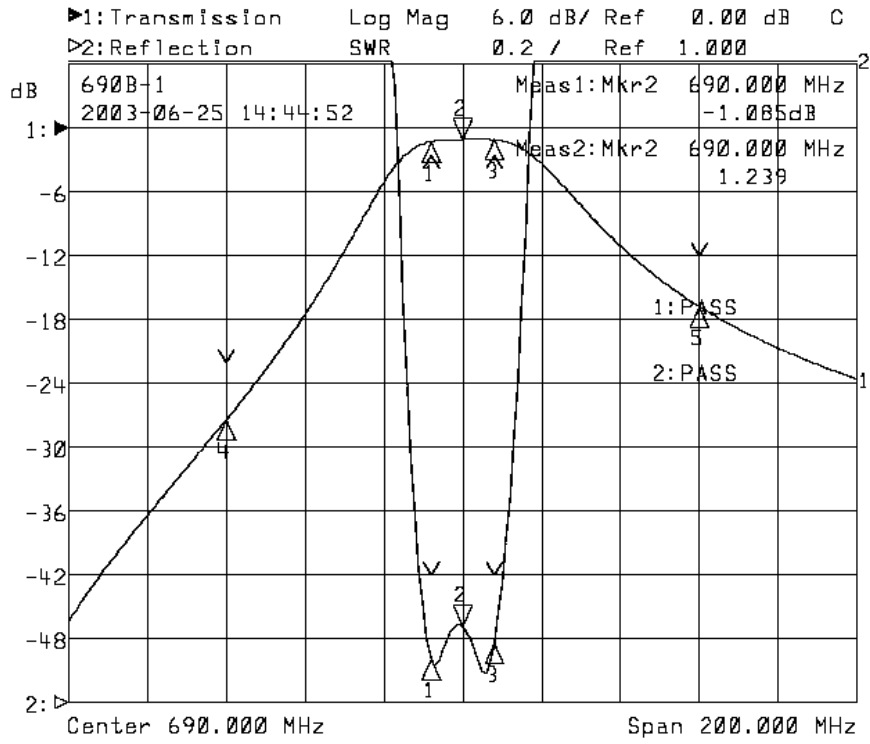
No.	Item (项目)	Specifications (特性)	Post Environmental Tolerance (环境试验后允许附加误差)
1	Center frequency 中心频率 ( $f_0$ )	690.00MHz	$\pm 1.5$ MHz
2	Insertion loss 插入损耗	$\leq 2.5$ dB (at $25 \pm 5^\circ\text{C}$ )	$\pm 0.5$ dB
		$\leq 3.0$ dB (at $-40^\circ\text{C} \sim +85^\circ\text{C}$ )	
3	Band width 通带宽度	$\pm 8.0$ MHz	$\pm 0.5$ MHz
4	Ripple (in BW) 通带波动	$\leq 1.0$ dB	$\pm 0.5$ dB
5	V.S.W.R (in BW) 驻波比	$\leq 2.0$	$\pm 0.5$
6	Attenuation 阻带衰耗 (Absolute value) (绝对值)	$\geq 12$ dB ( $f_0 + 60$ MHz)	$\pm 2$ dB
		$\geq 22$ dB ( $f_0 - 60$ MHz)	
7	Permissible Input power 允许最大输入功率	1 Watt	---
8	In/output impedance 输入输出阻抗	$50 \Omega$	---

## 2、结构尺寸及电极规格 (单位：mm)：



未注公差  $\pm 0.15$

### 3、波形图：



1: Mkr (MHz)	dB	2: Mkr (MHz)	
1: 682.0000	-1.281	1: 682.0000	1.137
2: 690.0000	-1.085	2: 690.0000	1.239
3: 698.0000	-1.123	3: 698.0000	1.185
4: 630.0000	-27.479		
5: 750.0000	-16.754		