

规格书编号

SPEC NO :

# 产品规格书

# SPECIFICATION

CUSTOMER 客户: \_\_\_\_\_

PRODUCT 产品: \_\_\_\_\_ SAW FILTER \_\_\_\_\_

MODEL NO 型号: \_\_\_\_\_ TRF2595-S6 \_\_\_\_\_

PREPARED 编制: \_\_\_\_\_ CHECKED 审核: \_\_\_\_\_

APPROVED 批准: \_\_\_\_\_ D A T E 日期: \_\_\_\_\_ 2012-2-24 \_\_\_\_\_

客户确认 CUSTOMER RECEIVED:		
审核 CHECKED	批准 APPROVED	日期 DATE

深圳市多伦科技有限公司  
Shenzhen Tonron Technologies Limited

更改历史记录  
History Record

更改日期 Date	规格书编号 Spec. No.	产品型号 Part No.	客户产品型号 Customer No.	更改内容描述 Modify Content	备注 Remark

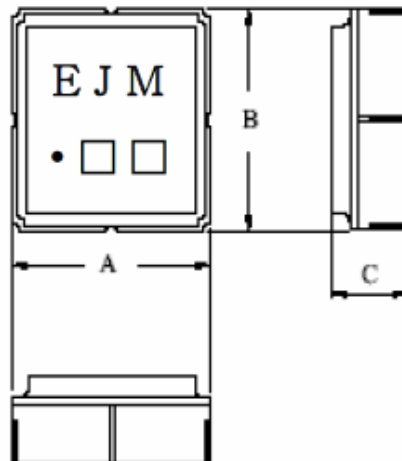
## 1. Features

Band pass Filters for Cable Modem.

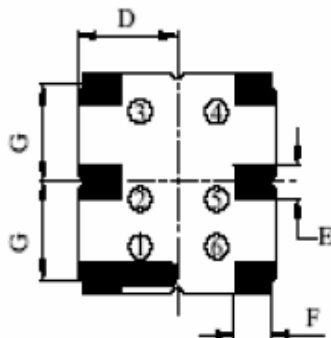
High stability and reliability with good performance and no adjustment.

- Sharp pass band characteristics.
- Deep stop band attenuation for interference.

## 2. Package Dimension



DIM	MILLIMETERS
A	3.0±0.1
B	3.0±0.1
C	1.15±0.12
D	1.50 TYP.
E	0.60 TYP.
F	0.85 TYP.
G	1.20 TYP.



PIN NO	FUNCTION
① ③ ② ④	GROUND
⑤	SIGNAL
⑥	SIGNAL

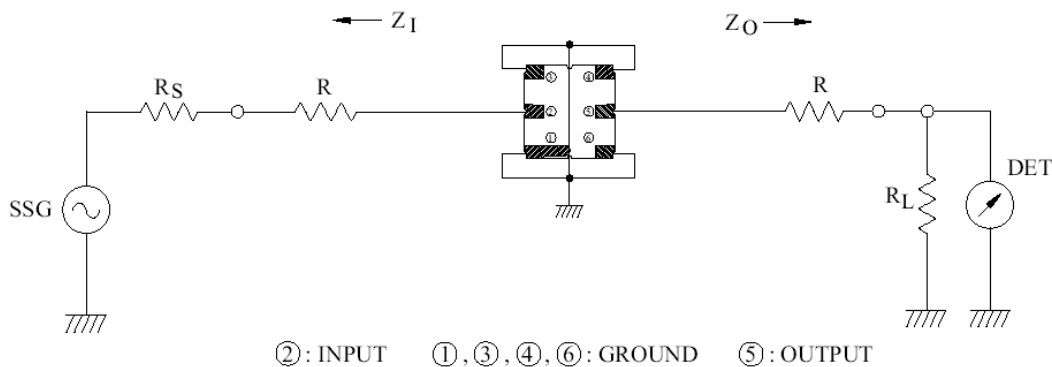
## 3. Maximum Ratings

Items	Rating	Unit
Input Signal Level	10	dBm
DC Permissive Voltage	10	V <sub>dc</sub>
Storage Temperature Range	-30 ~ +85	°C

## 4. Electrical Characteristics

Items	Test Condition	Min.	Typ.	Max.	Unit
Center Frequency	-	-	2595	-	MHz
Insertion Loss	2565~2625MHz	-	2.0	3.6	dB
Amplitude Ripple (p-p)	2565~2625MHz	-	1.0	2.5	dB
Attenuation	DC~2000MHz	25	30	-	dB
	2000~2485MHz	30	44	-	dB
	2705~3800MHz	30	35.8	-	dB
VSWR	2565~2625MHz	-	2	2.5	-
Input/Output Impedance	-	-	50	-	$\Omega$

## 5. Matching Configuration



$R_S, R_L$  : 50  $\Omega$  (Internal Impedance of Source and Load)

$R$  : 0  $\Omega$

$Z_1(Z_O)=R_S(R_L)+R$

## 6. Typical Performance

