

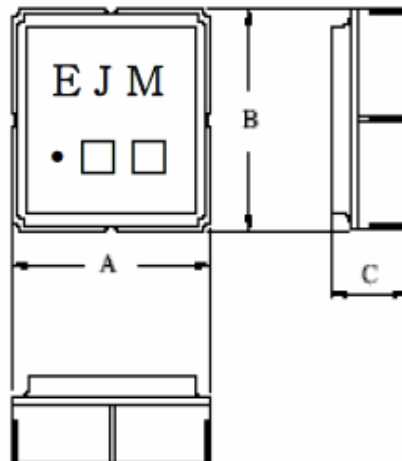
1. Features

Band pass Filters for Cable Modem.

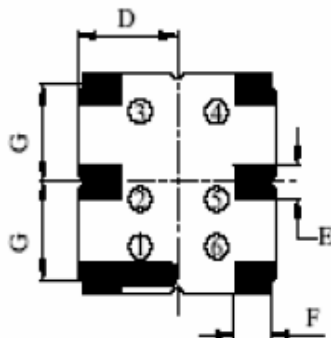
High stability and reliability with good performance and no adjustment.

- 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 ②	GROUND
③	SIGNAL
④	SIGNAL
⑤	SIGNAL
⑥	SIGNAL

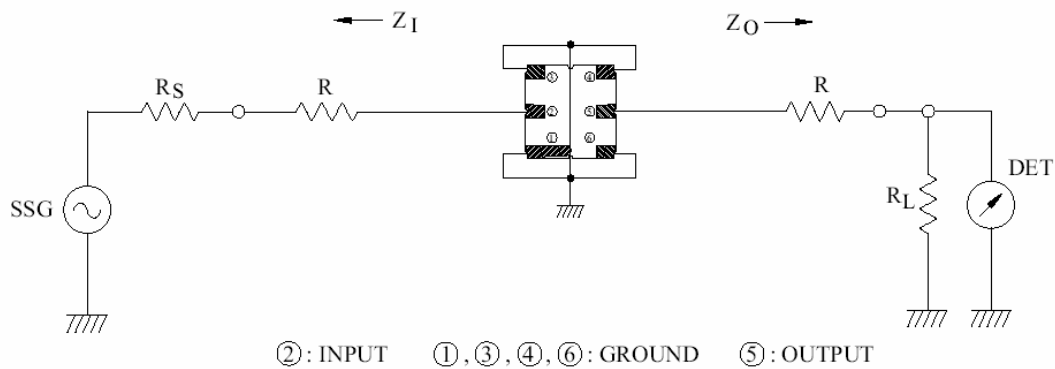
3. Maximum Ratings

Items	Rating	Unit
Input Signal Level	10	dBm
DC Permissive Voltage	10	V _{dc}
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	-	Ω

5. Matching Configuration



R_S, R_L : 50 Ω (Internal Impedance of Source and Load)

R : 0 Ω

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

6. Typical Performance

