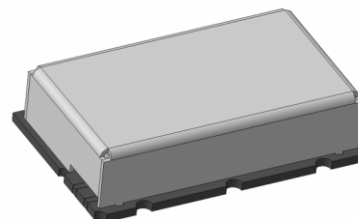


General Description

MCS-C4-800-40-SMT is a radio frequency bandpass filter, designed for a wide range of RF / Microwave applications. It contains a small size, a narrow band and high suppression in band ± 100 MHz



Key Features

- Narrow band
- Wide band of suppression
- Low cost
- Small size

Specification (at 25°C)

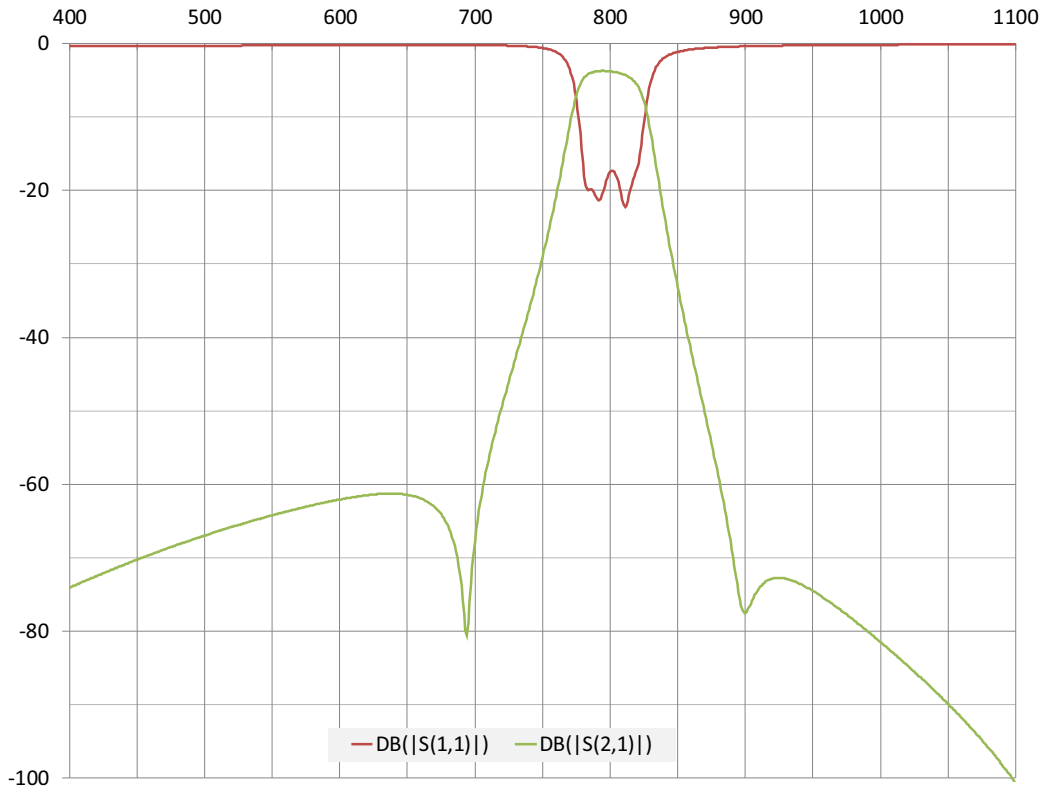
Parameter	Sym.	Min.	Typ.	Max.	Unit
Center frequency*	f_c		800		MHz
Bandwidth @ -3 dB*	Δf		5 40		% MHz
Bandwidth @ -50 dB*	Δf_r		200		MHz
Insertion loss			3.8		dB
VSWR				2:1	
Power input	P			2	W
Wave impedance	Z		50		Ω
*- parameter can be changed according to customer requirements					

Temperature range

Parameter	Min.	Max.	Unit
Operation Temperature	-40	+85	°C
Storage Temperature	-65	+105	°C

S – Parameters

In-Band Response (400 – 1100 MHz)



Physical dimensions

