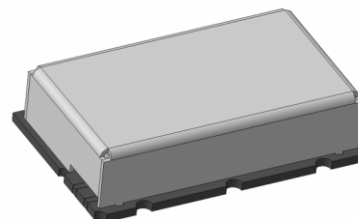


### General Description

MCS-C4-85-13-SMT is a radio frequency bandpass filter, designed for a wide range of RF / Microwave applications. It contains a small size and high out of band suppression.



### Key Features

- Small size
- High out of band suppression
- Low cost

### Specification (at 25°C)

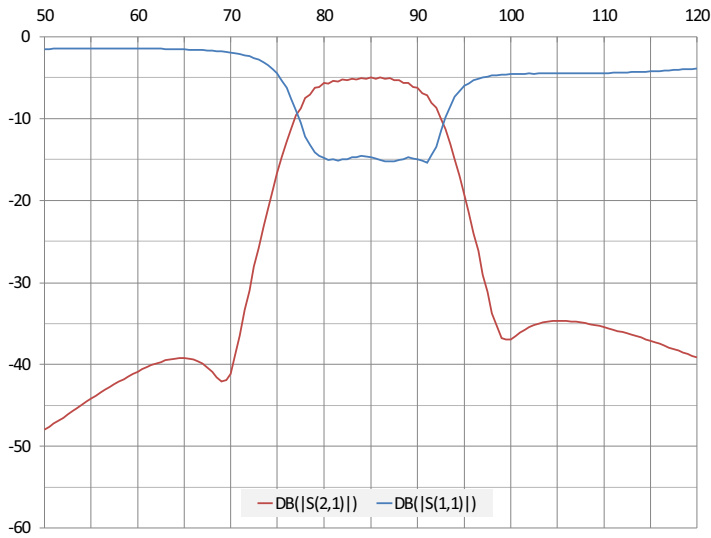
Parameter	Sym.	Min.	Typ.	Max.	Unit
Center frequency*	$f_c$		85		MHz
Bandwidth @ -3 dB*	$\Delta f$		15 13		% MHz
Bandwidth @ -30 dB*	$\Delta f_r$		30		MHz
Insertion loss			4.9		dB
VSWR				2:1	
Power input	P			2	W
Wave impedance	Z		50		$\Omega$
*- parameter can be changed according to customer requirements					

### Temperature range

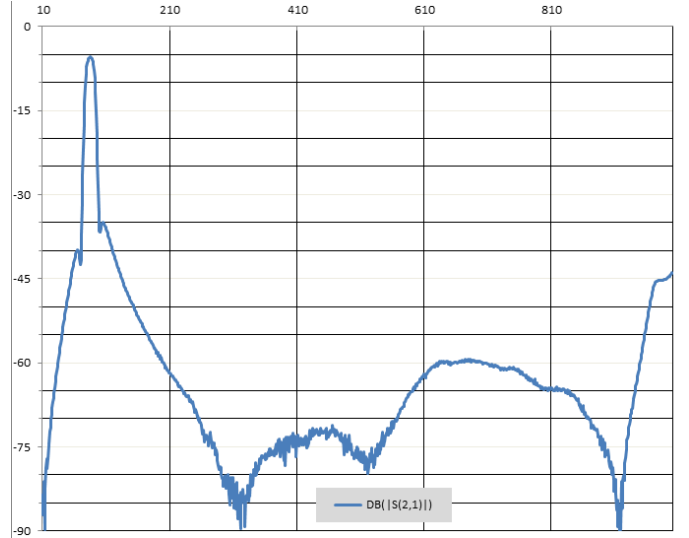
Parameter	Min.	Max.	Unit
Operation Temperature	-40	+85	°C
Storage Temperature	-65	+105	°C

**S – Parameters**

In-Band Response (50 – 120 MHz)



Out-Band Response (10 – 1000 MHz)



**Physical dimensions**

