

FBP-CAV-100-SMF

Bandpass Filter, 990 to 1010 MHz, 20 W

REV 1.00



The FBP-CAV-100-SMF is a wide bandwidth cavity bandpass filter that delivers exceptional performance in a small package size.

Features and Applications

- Low Insertion Loss
- High Stop Band Suppression
- Compact size

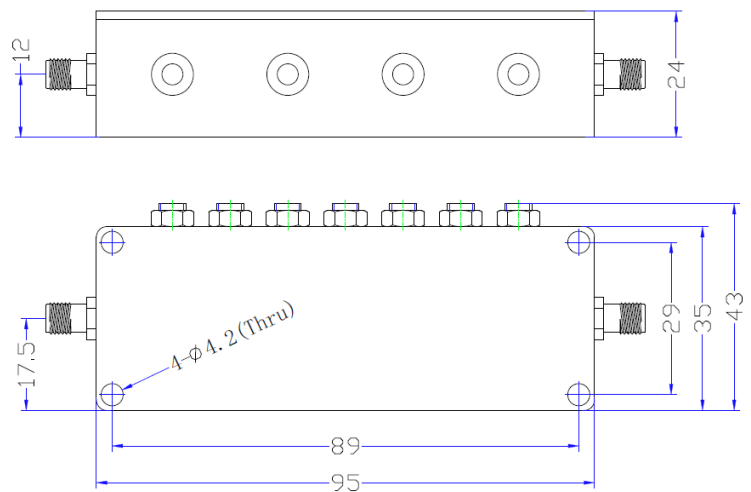
ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CENTER FREQUENCY	1000 MHz
PASSBAND FREQUENCY	990 – 1010 MHz
INSERTION LOSS	≤ 0.5 dB
PASSBAND VSWR	≤ 1.3:1
STOP BAND ATTENUATION	≥30 dB @ DC-900 MHz ≥30 dB @ 1100 - 3000 MHz
IMPEDANCE	50 Ω
RF POWER	20 W

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CONNECTORS	SMA - (F) input SMA - (F) output
OPERATING TEMP	-30 °C to +70 °C
WEIGHT	TBD
FINISH	BLACK PAINT

MECHANICAL OUTLINE



Units: mm

ORDERING INFO

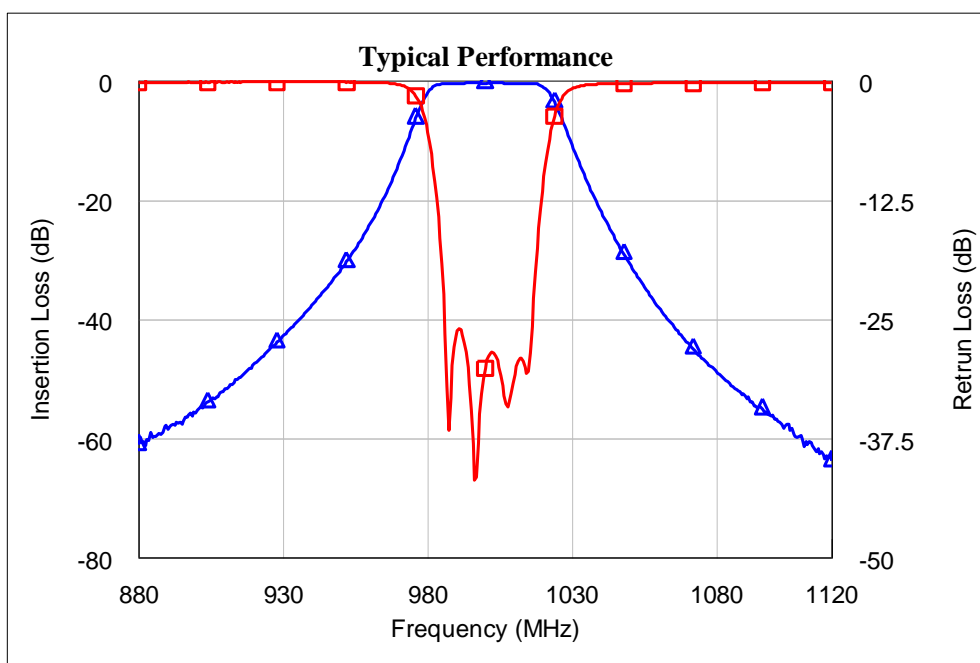
FBP	-	CAV	-	100	-	SMF
PRODUCT CODE		STRUCTURE		CENTER FREQ.		CONNECTOR
FILTER		CAVITY		1000 MHz		SMA - (MALE) SMA - (FEMLE)

Electro-Photonics LLC reserves the right to modify drawings, configurations, specifications, and design at any time without prior notification.

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