

DBP-4700-1N2-001

Bandpass Filter, 4400 to 5000 MHz, 5 W

REV 1.00



The DBP-4700-1N2-001 is a wide bandwidth dielectric bandpass filter that delivers exceptional performance in a small package size.

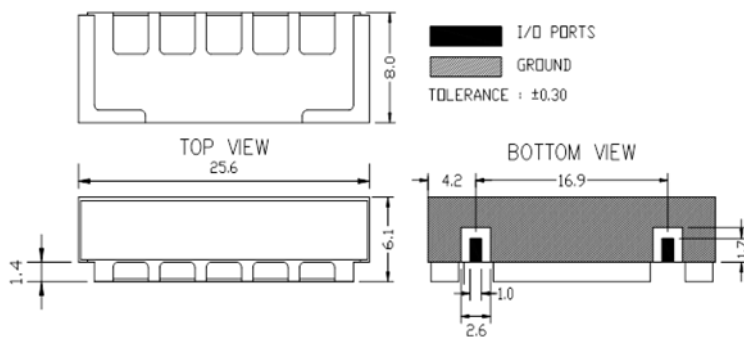
Features and Applications

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

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CENTER FREQUENCY	4700 MHz
PASSBAND FREQUENCY	4400 MHz – 5000 MHz
INSERTION LOSS	≤ 1.4 dB
RIPPLE	≤ 1.2 dB
RETURN LOSS	14 min
STOP BAND ATTENUATION	≥40 dB @ 1-3800 MHz ≥25dB @ 5150-7200MHz
IMPEDANCE	50 Ω
RF POWER	5 W

MECHANICAL OUTLINE



Units: mm

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CONNECTORS	SMT
OPERATING TEMP	-40 °C to +85 °C

ORDERING INFO

DBP - 4700 - 1N2 - SMT

PRODUCT
CODE

DIELECTRIC
FILTER

CENTER
FREQ.

PACKAGE

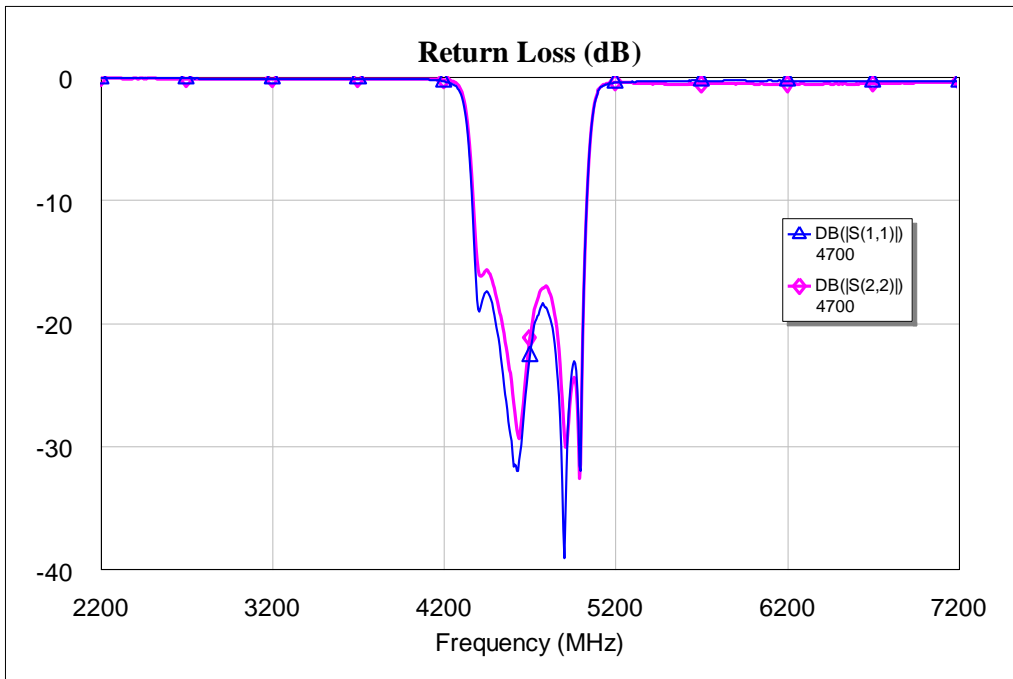
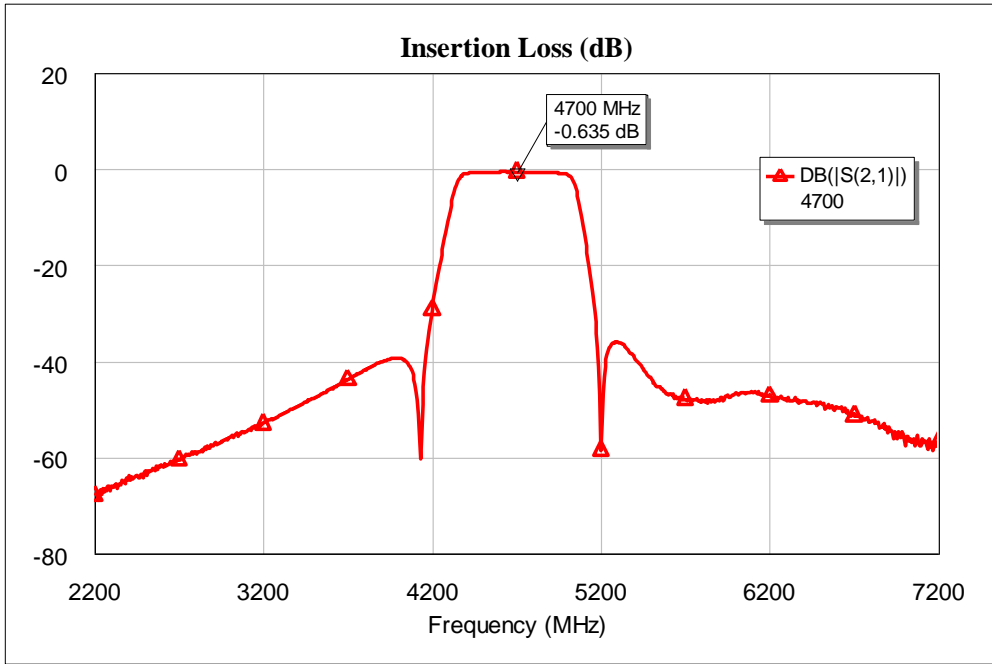
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Typical Performance:



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