

DBP-3750-1N1-001

Bandpass Filter, 3300 to 4200 MHz, 5 W

REV 1.00



The DBP-3750-1N1-001 is a wide bandwidth dielectric bandpass filter that delivers exceptional performance in a small package size.

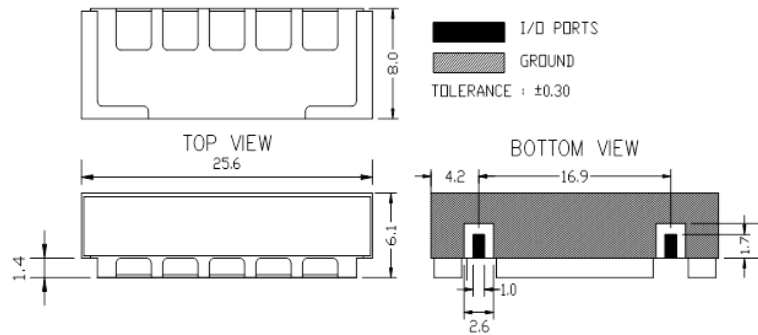
Features and Applications

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

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CENTER FREQUENCY	3750 MHz
PASSBAND FREQUENCY	3300 MHz – 4200 MHz
INSERTION LOSS	≤ 1.2 dB
RIPPLE	≤ 0.5 dB
RETURN LOSS	14 min
STOP BAND ATTENUATION	≥54 dB @ 1-2700 MHz ≥43dB @ 2700-3000MHz ≥40dB @ 4600-6000MHz
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 - 3750 - 1N1 - SMT

PRODUCT
CODE

DIELECTRIC
FILTER

CENTER
FREQ.

PACKAGE

-

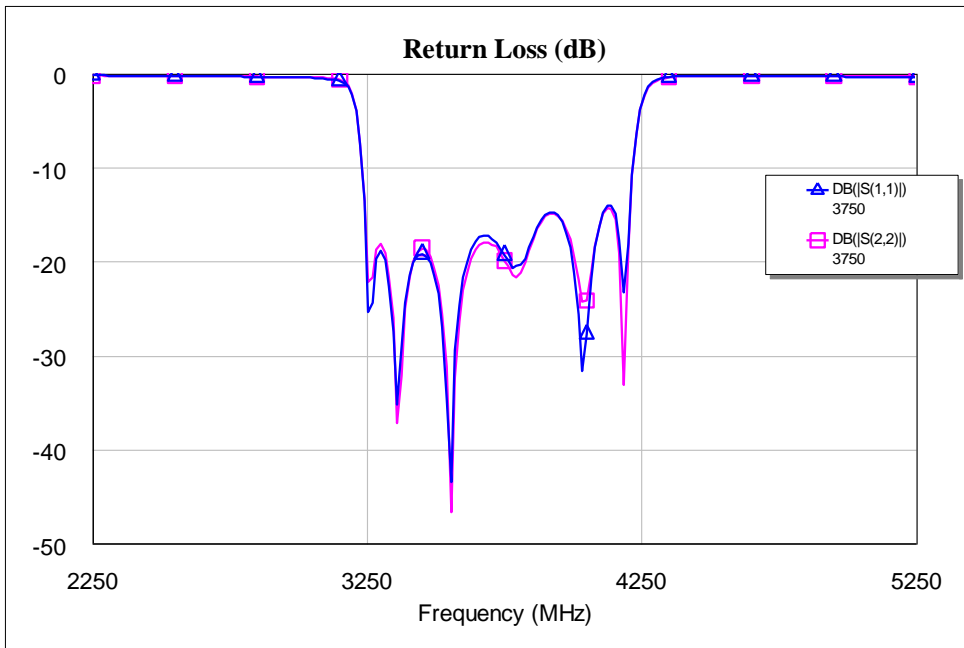
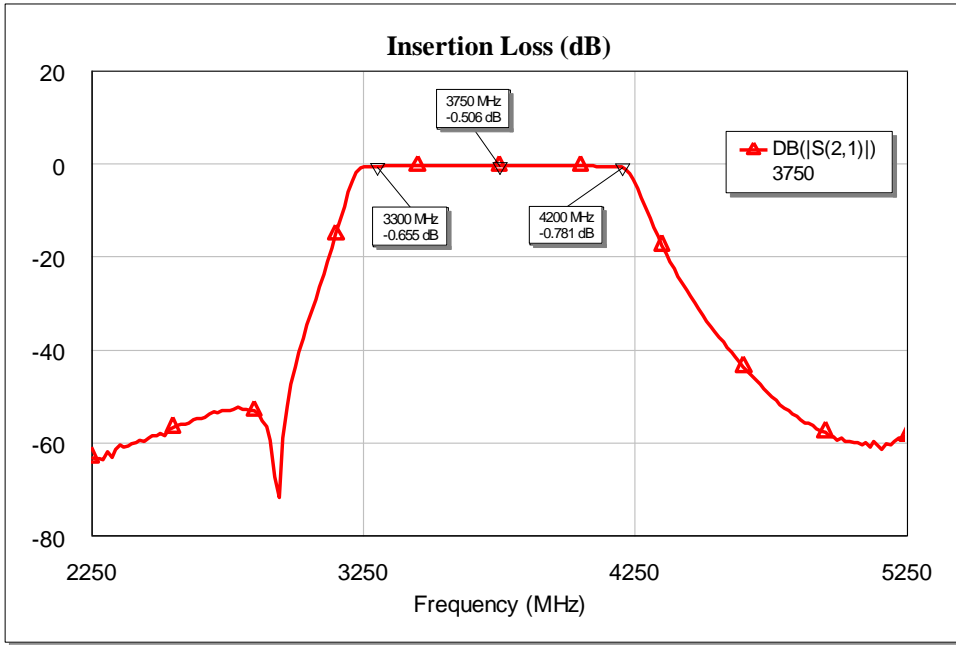
Electro-Photonics LLC reserves the right to modify drawings, configurations, specifications, and design at any time without prior notification.

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Typical Performance



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