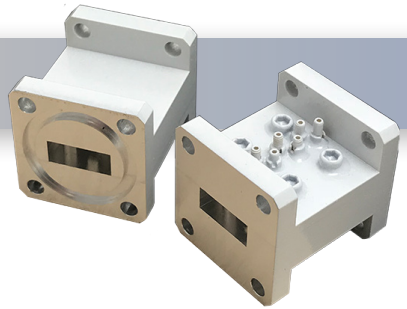
Part No:

HABPF-WR42-P183-212

HASCO, INC
COMPONENTS DISTRIBUTOR



WR-42 1 Inch Band Pass Filter • *18.3 - 21.2 GHz Passband Filter*

The HASCO **HABPF-R42-P183-212** is a specialized WR-42 custom filter operating above waveguide cutoff frequency, 30dB rejection from 28 to 24 GHz. It is also 1" in length for confined spaces.

A bandpass filter is an electronic device or circuit that allows signals between two specific frequencies to pass, but that discriminates against signals at other frequencies. Some bandpass filters require an external source of power and employ active components such as transistors and integrated circuits; these are known as active bandpass filters. Other bandpass filters use no external source of power and consist only of passive components such as capacitors and inductors; these are called passive bandpass filters.

Electrical

• Bandpass Frequency Range	18.3 - 21.2 GHz
• Insertion Loss	<0.2dB
• Return Loss	>23dB
• Rejection from 28-34 GHz	30dB

Environmental Data

• Temperature Range	Operation -55°C - +70°C
	Storage -55°C to +85°C

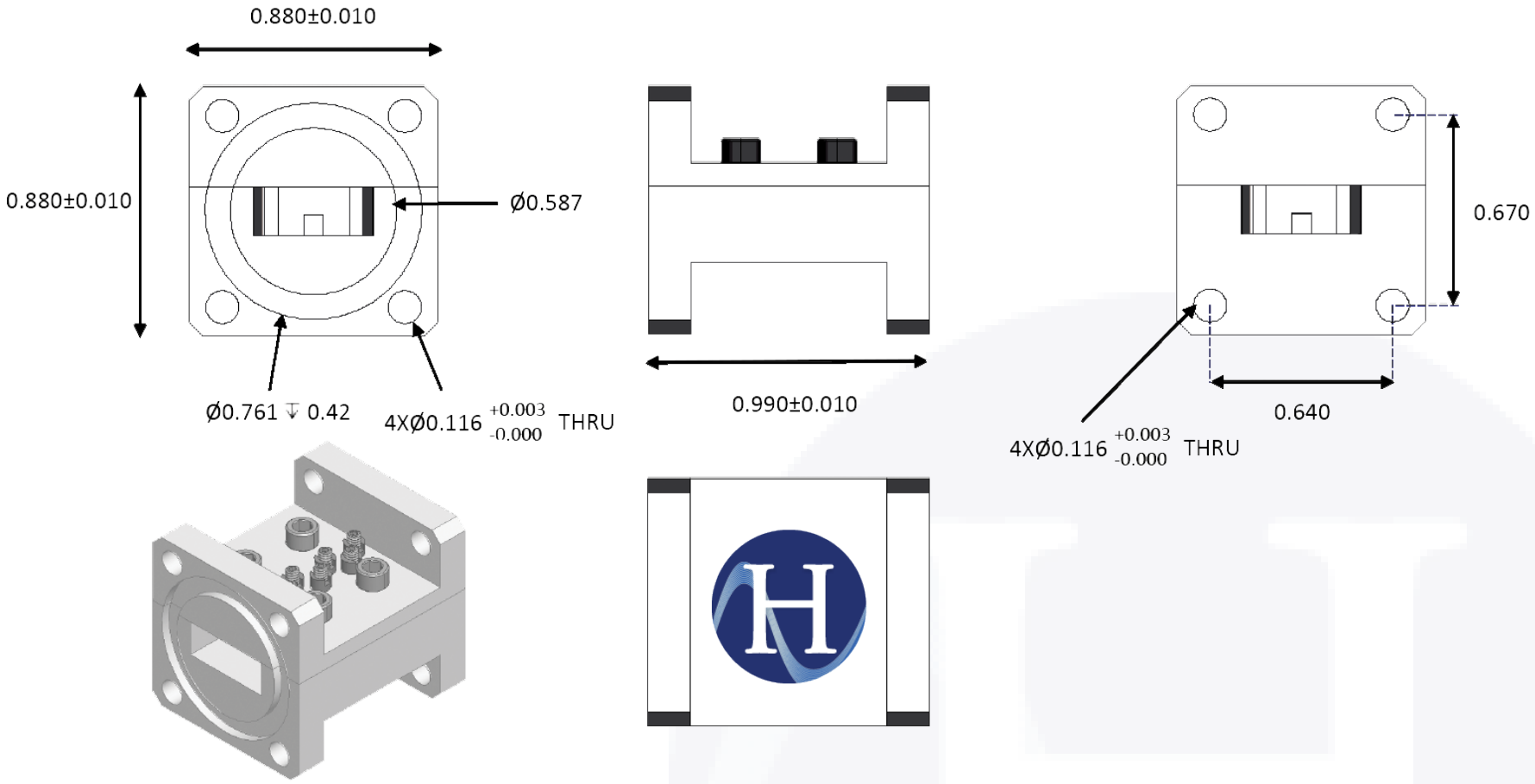
Material

• Waveguide	Aluminum
• Finish	White Paint

To view online, go to: https://www.hasco-inc.com/filters/wr-42-bandpass-filter-passband-18-3-ghz-to-21-2-ghz-30-db-rejection-from-29-to-31-ghz/

5214 Bonsai Street • Moorpark, CA 93021| (888) 498-3242 • sales@hasco-inc.com | www.hasco-inc.com

HABPF-WR42-P183-212 | 18.3 - 21.2 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.
-	RELEASE	12/16	TAC

THIS DRAWING IS A CONTROLLED DOCUMENT

DRAWN BY: ABC | CHECKED BY: ABC

APPROVED BY: ABC

TOLERANCES - UNLESS OTHERWISE NOTED:

DECIMALS	INCHES	MM
.X"	.075"	[1.9]
.XX"	.050"	[1.3]
.XXX"	.030"	[0.76]

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MATERIALS:	CAGE CODE:	SCALE:	SIZE:
SEE DATA SHEET	0T8L4	N/A	-

FINISHES:	PART NO./DRAWING NO.	REV:
SEE DATA SHEET	**HABPF-WR42-P183-212**	-

To view online, go to: https://www.hasco-inc.com/filters/wr-42-bandpass-filter-passband-18-3-ghz-to-21-2-ghz-30-db-rejection-from-29-to-31-ghz/