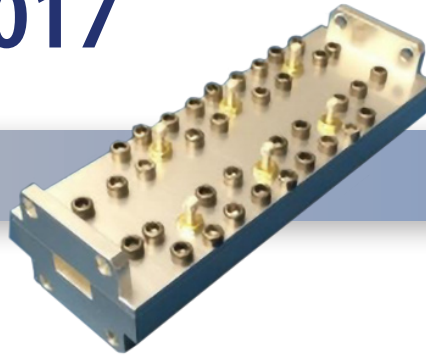


Part No:

BSF-W-00017



WR-34 Ka-Band Band-Stop Filter • 28.5 GHz

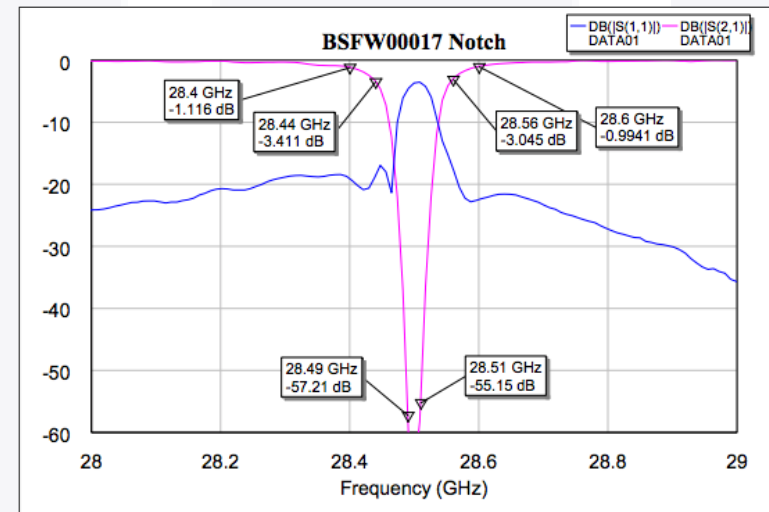
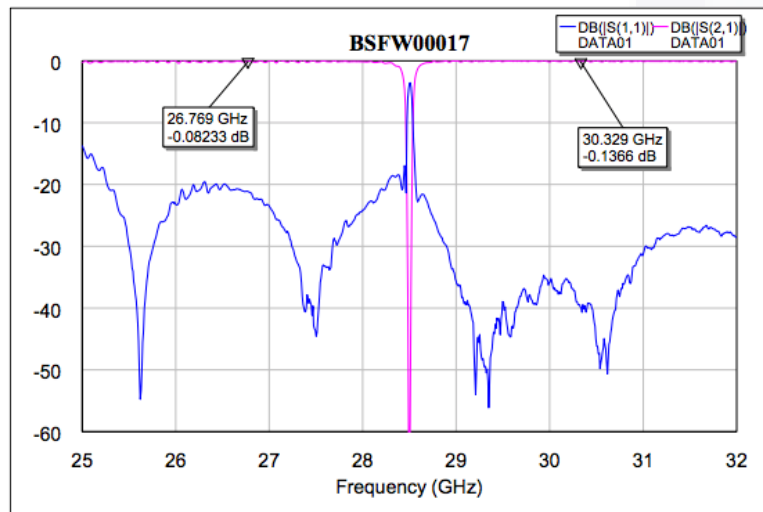
The BSF-W-00017 is a WR-34 Ka-Band Band Stop Filter with a very narrow rejection band. It provides 60 dB rejection at 28.5 GHz and has very low pass-band insertion loss. The majority of the pass-band has >20dB return loss. The filter is made of silver plated invar, so the performance is stable over temperature variation. Input and output are WR-34 UG1530.

Key Features of the BSF-W-00017:

- Very Narrow Rejection bandwidth
- Low Pass-band Insertion Loss
- Stable Over Temperature

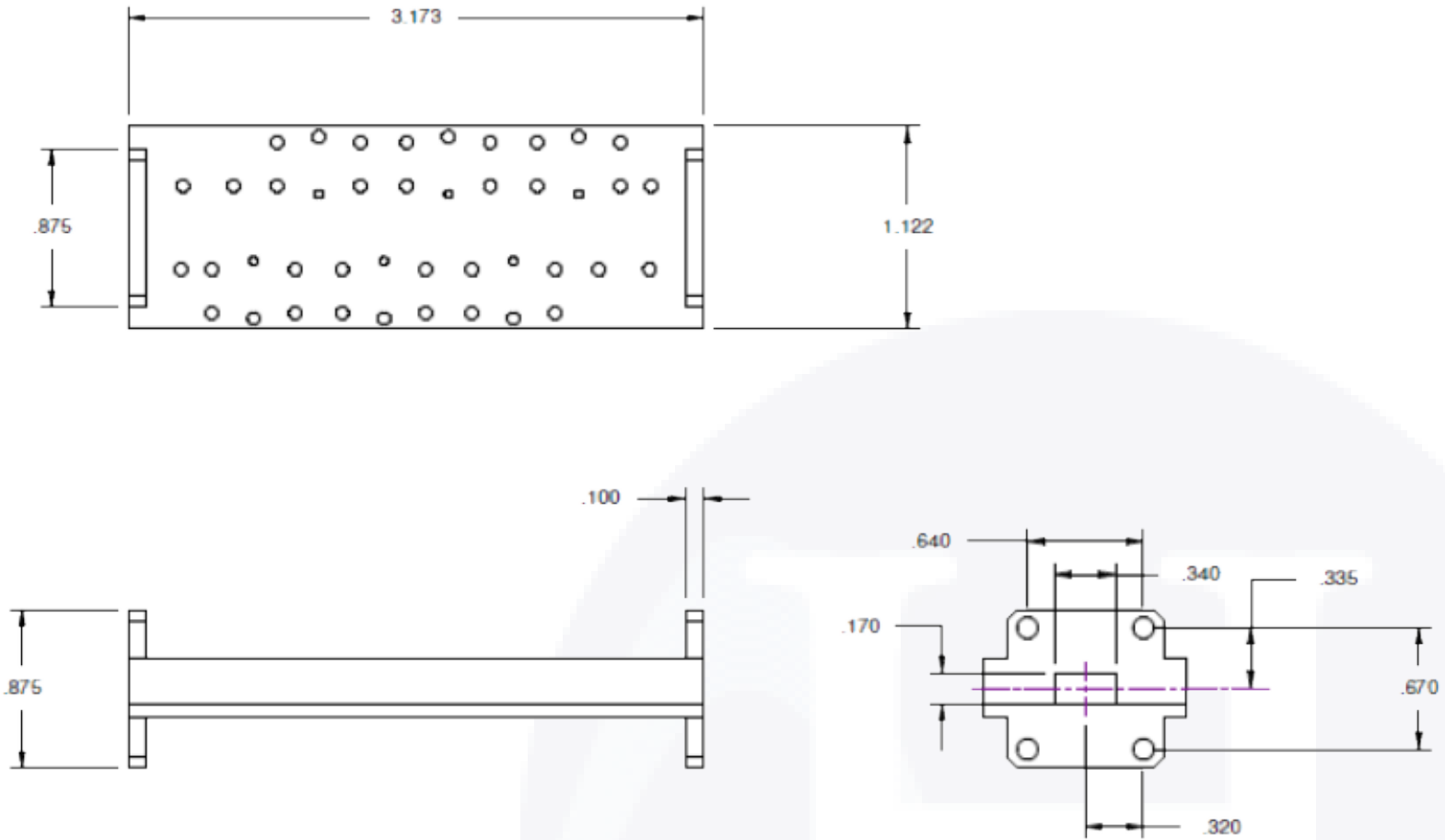
Parameters

Pass-Band Frequency	25-28.4 GHz & 28.6-32 GHz
Insertion Loss	<0.2 dB
3dB Frequency Points	28.44 GHz & 28.56 GHz
Return Loss	>15dB, >20dB most of pass-band
Rejection @ 28.5 GHz \pm 6 MHz	>60dB
Rejection @ 28.5 GHz \pm 100 MHz	>40dB
Operating Temperature	-50°C to +85°C
Material	Silver Plated Invar
Weight	150g





To view online, go to: <https://www.hasco-inc.com/filters/wr-34-ka-band-band-stop-filter-25-28-4-ghz-and-28-6-32-ghz/>

BSF-W-00017 | Outline Drawing



To view online, go to: <https://www.hasco-inc.com/filters/wr-34-ka-band-band-stop-filter-25-28-4-ghz-and-28-6-32-ghz/>

LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: ABC	CHECKED BY: ABC	 		5214 Bonsai Street Moorpark, CA 93021 (888) 498-3242 sales@hasco-inc.com www.hasco-inc.com	
-	RELEASE	12/16	TAC	APPROVED BY: ABC					
				THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.		MATERIALS:	CAGE CODE:	SCALE:	SIZE:
				TOLERANCES - UNLESS OTHERWISE NOTED:		SEE DATA SHEET	OT8L4	N/A	-
				DECIMALS INCHES MM .X" .075" [1.9] .XX" .050" [1.3] .XXX" .030" [0.76]		FINISHES:	PART NO./DRAWING NO.		REV:
THIS DRAWING IS A CONTROLLED DOCUMENT						SEE DATA SHEET	BSF-W-00017		-