

4

3

2

1

NOTES:

1. ELECTRICAL SPECIFICATIONS:

C.F. = 451.25 MHz

INSERTION LOSS @ C.F. = 2.5 dB MIN, 4.5 dB MAX

3 dBc BANDWIDTH: 5 MHz \pm 1 MHz (REFERENCE ONLY)

VSWR @ C.F. = 2:1 MAX

IMPEDANCE: 75 OHMS IN/OUT

RIPPLE = 0.25 dB MAX WITHIN \pm 0.5 MHz OF C.F.

ATTENUATION:

18 dBc MIN @ C.F. \pm 5.8 MHz

28 dBc MIN @ C.F. \pm 12.0 MHz

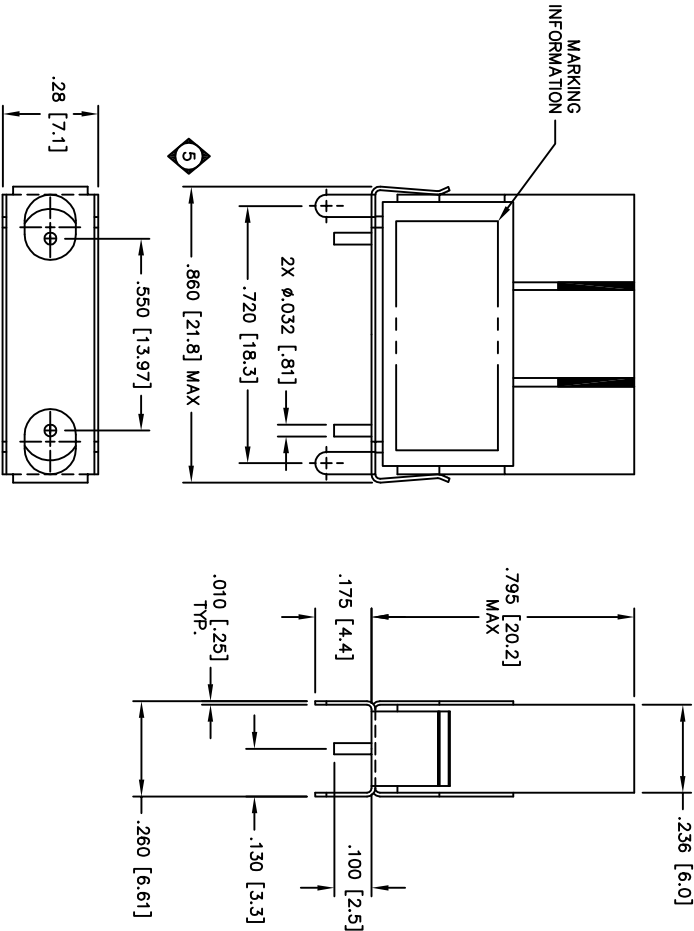
45 dBc MIN @ C.F. \pm 18.0 MHz

2. ENVIRONMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE: -40° TO +85° C

STORAGE TEMPERATURE: -40° TO +90° C

REVISIONS		
REV	DESCRIPTION	DATE
0	CHANGED PER CN 172254	-
1	CHANGED PER CN 175721	-
2	CHANGED PER CN 99386	-
3	REDRAWN FR QUD SCI DWG PER EON05805	9/01/06
4	CHANGED VSWR SPEC PER EON05833, WY, 7/18/08	7/18/08
5	CHANGED SHLD DIM PER EON06442, WY, 9/08/08	9/08/08



All technical information and the design disclosure in this drawing or in any accompanying technical data are the property of Spectrum Microwave, Inc. and are not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Spectrum Microwave, Inc. No right is granted to any third party to use or reproduce any part of this drawing or technical data without the prior written permission of Spectrum Microwave, Inc.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DIMENSIONS APPLY AFTER PLATING INTERPRET DIM. AND TOL. PER ASME Y14.5M TOLERANCES: XXX-.01 XXX+.005 BREAK ALL SHARP EDGES AND DEBURR				Spectrum Microwave, Inc. COLUMBIA, MARYLAND USA			
DRAWN M. YAKER 9/01/06				SALES DRAWING, BPF3-0451-001LA			
CHECKED CR 9/02/06				SIZE C			
DATE 9/02/06				CAGE CODE 67195			
MATERIAL -				DRAWING NO. STO-5424			
Q.C. -				REV 5			
APPROVED CR 9/02/06				SCALE 4/1			
				DO NOT SCALE PRINTS			
				SHEET 1 OF 1			

4

3

2

1

STO-5424

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[API Technologies:](#)

[BPF3-0451-001LA](#)