



Dielectric Filter Specifications

Unit Name	Dielectric Resonator Filter
Part Name	BP55R1775S150BY
Date	July 26, 2002

Written by	Checked by	Approved by



Systron Inc.
1274 - 3rd Avenue South
Lethbridge, Alberta
T1J 0J9 Canada

Phone: (403) 327-1444
Fax: (403) 327-1480
e-mail: sales@systroninc.com

CUSTOMER :

PART NO. : BP55R1775S150BY

DATE : July 26, 2002

WRITTEN BY

CHECKED BY

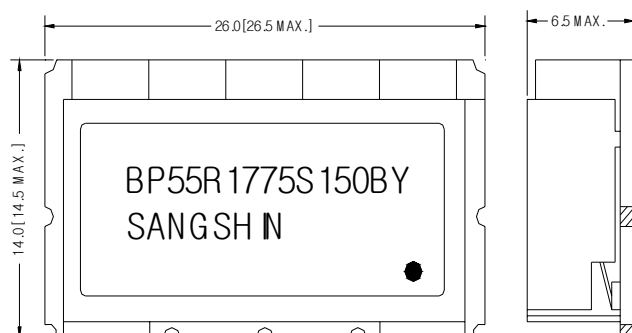
APPROVAL

1. Electrical Specifications.

NO.	ITEM	Specifications	Unit
1	Center Frequency [fo]	1775	MHz
2	Pass Bandwidth [BW]	$f_o \pm 75$	MHz
3	Insertion Loss in BW	3.0 max.	dB
4	Ripple in BW	1.5 max.	dB
5	V.S.W.R	2 max.	—
6	In/Out Impedance	50	Ω
7	Attenuation [Relative Value]	17 min. @ DC - 1650 MHz 27 min. @ 1890 - 1990 MHz	dB
8	Temperature Range	-20°C to +85°C	

2. Dimensions.

TOP VIEW



TOLERANCE X ± 0.3
XX ± 0.15
DIMENSION UNIT : mm
INPUT PORT



BOTTOM VIEW

