

FSMS0140B3

• Specifications

Item	Unit	Min	Typical	Max
Center Frequency, f_c	MHz		140.0	
Insertion Loss ¹⁾	dB		20.35	23.0
1dB Bandwidth	MHz	5.0	5.41	
3dB Bandwidth	MHz	5.3	5.71	
40dB Bandwidth	MHz		7.05	7.5
Passband Ripple ²⁾	P-P dB		0.95	1.2
Group Delay Ripple ²⁾	P-P nsec		150	200
Ultimate Rejection	dBc	39	42.0	
Operating Temperature Range	°C	0	25	70
Absolute Group Delay	usec		1.50	
Package	mm ³	13.3x6.5x2.0		
Notes	1) Insertion loss with matching circuit 2) $f_c - 2.5\text{MHz} \sim f_c + 2.5\text{MHz}$			

• Matching Circuit

