

FSMS0140B5

• Specifications

Item	Unit	Min	Typical	Max
Center Frequency, f_c	MHz		140.0	
Insertion Loss ¹⁾	dB		25.3	28.0
1dB Bandwidth	MHz	20.0	20.7	
3dB Bandwidth	MHz	20.5	21.2	
30dB Bandwidth	MHz		23.3	24.0
Passband Ripple ²⁾	P-P dB		0.9	1.5
Group Delay Ripple ²⁾	P-P nsec		40	200
Ultimate Rejection	dBc	30	38.0	
Operating Temperature Range	°C	0	25	70
Absolute Group Delay	usec	0.8	0.85	0.9
Package	mm ³	13.3x6.5x2.0		
Notes	1) Insertion loss with matching circuit 2) $f_c - 10\text{MHz} \sim f_c + 10\text{MHz}$			

• Matching Circuit

