



### SPECIFICATIONS

FREQUENCY:

0.5 - 12.0 GHz  
 0.5-4.0 GHz ----- 1.5:1 MAX  
 4.0-8.0 GHz ----- 1.6:1 MAX  
 8.0-12.0 GHz ----- 1.8:1 MAX

VSWR:

INSERTION LOSS:

0.5-4.0 GHz ----- 1.1 dB MAX  
 4.0-8.0 GHz ----- 1.4 dB MAX  
 8.0-12.0 GHz ----- 1.6 dB MAX

ISOLATION:

0.5-12.0 GHz ----- 60 dB MIN

SWITCHING SPEED: 25 nSEC MAX  
 (<50% TTL to 10/90% RF)

TEMPERATURE:

OPERATING: -55° TO +100°C  
 STORAGE: -65° TO +125°C

POWER SUPPLY:

+5V @ 50 mA MAX  
 -15V @ 50 mA MAX

CONTROL AT C1:

TTL LOW - INSERTION LOSS  
 TTL HIGH - ISOLATION

REV.	DESCRIPTION	DATE	APPROVED
NC	INITIAL RELEASE		

FRACTIONS DECIMALS ANGLES ± .XX ± .02 ± XXX ± .010		APPROVALS		DATE	
MATERIAL		DRAWN			
FINISH		CHECKED			
		ISSUED			
NEXT ASSY		SFS0512-001		USED IN	
APPLICATION		SCALE			
		SIZE		FSCM NO.	
		B		1CY63	
		DWG. NO.		605-0222-001	
		REV.			



SIERRA MICROWAVE TECHNOLOGY

OUTLINE FOR SFS0512-001