



COMPUTER GENERATED DRAWING  
MANUAL CHANGES NOT AUTHORIZED

# REVISIONS

REV.	DESCRIPTION	DATE	RELEASED BY
NC	INITIAL RELEASE	2-7-95	T. R.
A	REV PER ECN: 6822, 9830	6-09-05	R.T.

## SPECIFICATIONS

FREQUENCY: 0.5 TO 12.0 GHz

VSWR: 2.0:1 MAX

J1 - ON ONLY  
J2 - ON OR OFF

INSERTION LOSS:  
0.5 - 4.0 GHz: 1.5 dB MAX  
4.0 - 8.0 GHz: 1.8 dB MAX  
8.0 - 12.0 GHz: 2.0 dB MAX

ISOLATION: 65 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 @ 75 mA MAX

CONTROL AT C1: TTL LOW - INSERTION LOSS  
TTL HIGH - ISOLATION

ITEM	QTY REQ'D	FSCM NO.	PART OR IDENTIFICATION NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES * .004*.02 * * .001*.010 *			CONTRACT NO.	SIERRA MICROWAVE TECHNOLOGY	
MATERIAL:			APPROVALS	DATE	TITLE:  OUTLINE FOR SFS0512-101
FINISH:			DRAWN: D STALEY	2-03-95	
			CHECKED:		
			DESIGN ENG. T. RODRIGUEZ	2-07-95	
			MAT. & PROCESSES		SIZE B FSCM NO. 1CY63 DWG NO. 605-0216-001 REV A
			Q.A.		
LIST OF MAT'L USED ON			BRDR SCALE		SHEET OF
APPLICATION			DO NOT SCALE DRAWING		

603-0041-001	SFS0512-101
LIST OF MAT'L	USED ON
APPLICATION	DO NOT SCALE DRAWING