



COMPUTER GENERATED DRAWING
MANUAL CHANGES NOT AUTHORIZED

REVISIONS

REV.	DESCRIPTION	DATE	RELEASED BY
NC	INITIAL RELEASE	7-20-94	T. R.
A	REV PER ECN: 7206	12-30-99	T. R.
B	REV PER ECN: 6822, 9830	4-26-05	GA

SPECIFICATIONS

FREQUENCY: 0.5 TO 18.0 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

12.0 - 18.0 GHz: 2.5 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 ± ± .003 ± .010 ±			CONTRACT NO.		
MATERIAL:			APPROVALS	DATE	TITLE: OUTLINE FOR SFS0518-101
FINISH:			DRAWN: A. WILSON	7-19-94	
			CHECKED:		
			DESIGN ENG. T. RODRIGUEZ	7-20-94	
			MAT. & PROCESSES		SIZE B FSCM NO. 1CY63 DWG NO. 605-0187-001 REV B
			Q.A.		
LIST OF MAT'L USED ON			DO NOT SCALE DRAWING	BRDR SCALE	SHEET OF

603-0041 -001	SFS0518-101
LIST OF MAT'L	USED ON
APPLICATION	