

COMPUTER GENERATED DRAWING
MANUAL CHANGES NOT AUTHORIZED


REVISIONS			
REV.	DESCRIPTION	DATE	RELEASED BY
NC	INITIAL RELEASE	10-16-90	LR
A	REV PER ECN: 9830	5-05-05	R.T.s.

SPECIFICATIONS:

FREQUENCY RANGE:	0.5 TO 20.0 GHz
VSWR(50 OHM):	1.8:1 MAX
ISOLATION:	.5 TO 12.0 GHz 60 dB MIN 12.0 TO 18.0 GHz 55 dB MIN 18.0 TO 20.0 GHz 50 dB MIN
INSERTION LOSS:	0.5 TO 4.0 GHz 1.3 dB MAX 4.0 TO 12.0 GHz 1.8 dB MAX 12.0 TO 18.0 GHz 2.3 dB MAX 18.0 TO 20.0 GHz 2.8 dB MAX
SWITCHING SPEED:	75 NANO SECONDS
TEMPERATURE:	OPERATING -55°C TO +100°C STORAGE -65°C TO +125°C
CONTROL:	TTL LOW: INSERTION LOSS TTL HIGH: ISOLATION
DC BIAS:	+5V @ 75mA MAX. -15V @ 50mA MAX.

603-0002-001	DJD0520-001
LIST OF MAT'L	USED ON

APPLICATION

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 ± .XX± .02 ± ± .XXX± .010			CONTRACT NO.		 SIERRA MICROWAVE TECHNOLOGY
			APPROVALS	DATE	
MATERIAL:			DRAWN: PJ CRAWFORD	7-26-90	TITLE: OUTLINE FOR DJD0520-001
			CHECKED:		
			DESIGN ENG. L RACE	10-16-90	
			MAT. & PROCESSES		
FINISH:			Q.A.		SIZE B FSCM NO. 1CY63 DWG NO. 605-0044-001 REV A
DO NOT SCALE DRAWING			BRDR SCALE		SHEET OF