

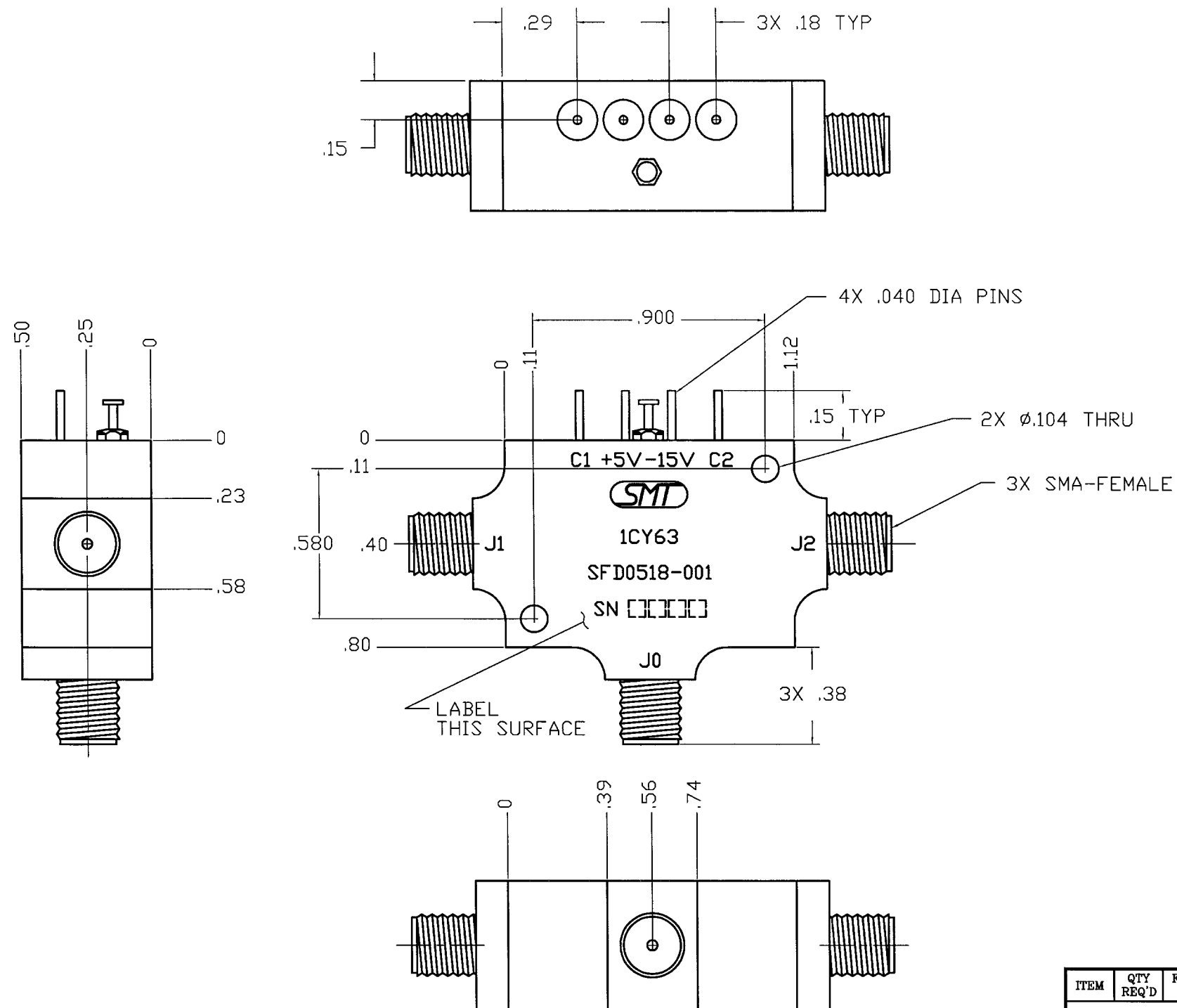
COMPUTER GENERATED DRAWING
MANUAL CHANGES NOT AUTHORIZED


REVISIONS

REV.	DESCRIPTION	DATE	RELEASED BY
NC	INITIAL RELEASE	2-13-95	BM
A	REV PER ECN: 6822, 9830	6-14-05	B.TJ

SPECIFICATIONS:

FREQUENCY RANGE:	0.5-18.0 GHz	
VSWR:	0.5-4.0 GHz	1.5:1 MAX
	4.0-8.0 GHz	1.6:1 MAX
	8.0-18.0 GHz	1.8:1 MAX
INSERTION LOSS:	0.5-4.0 GHz	1.3 dB MAX
	4.0-8.0 GHz	1.6 dB MAX
	8.0-12.0 GHz	1.8 dB MAX
	12.0-18.0 GHz	2.3 dB MAX
ISOLATION:	0.5-8.0 GHz	65 dB MIN
	8.0-18.0 GHz	60 dB MIN
OPERATING TEMP:	-55° TO +100° C	
STORAGE TEMP:	-65° TO +125° C	
SWITCHING SPEED:	25 n SEC MAX	
(50% TTL to 10/90% RF)		
DC POWER:	+5V @ 75 mA MAX	
	-15V @ 50 mA MAX	
CONTROL:	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 ± .XX± .02 ± XXX± .010				CONTRACT NO.	 SIERRA MICROWAVE TECHNOLOGY TITLE: OUTLINE FOR SFD0518-001 SIZE B FSCM NO. 1CY63 DWG NO. 605-0217-001 REV A
MATERIAL:				APPROVALS	
FINISH:				DATE	
DO NOT SCALE DRAWING				BRDR SCALE	
APPLICATION				SHEET	

604-0016-001	SFD0518-001
LIST OF MAT'L	USED ON