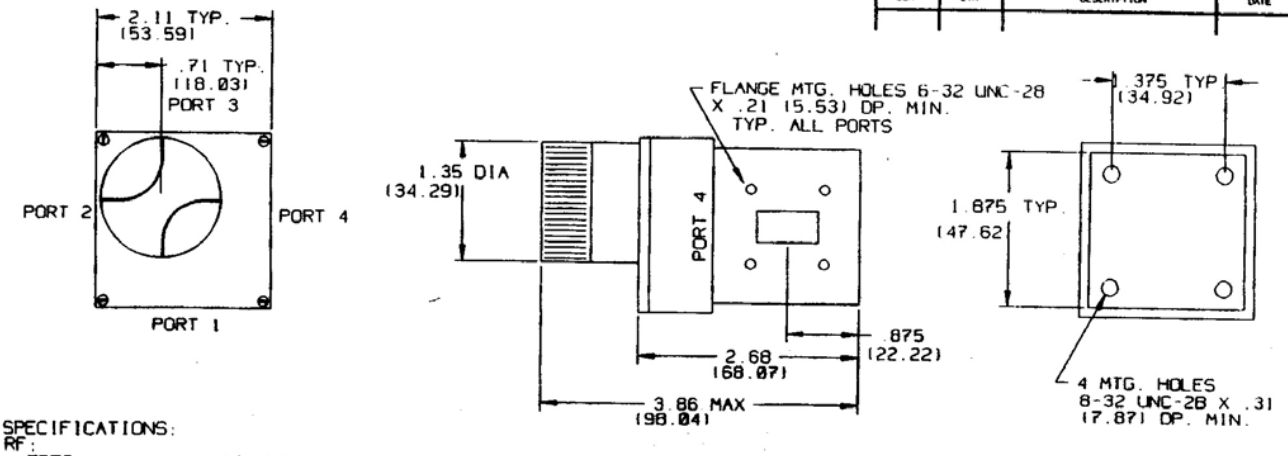
LM75BSTA3

REVISIONS				
ECN	LTR	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS:

RF:

FREQ.	10.0 TO 15 GHz
VSWR MAX	1.10:1
INSERTION LOSS	0.05 db
ISOLATION MIN.	75 db
POWER MAX	3.50 KWCW
UNPRESSURIZED	100.0 KW PEAK

MECHANICAL:

MATERIAL	ALUMINUM (RF ASSY.)
DRIVE	REMOVABLE MOTOR DRIVE ASSEMBLY GENEVA LINKAGE
PRESSURE	30 PSIG (RF HEAD ONLY)
FINISH	IRIDITE PER MIL-C-5541 PAINT DULL BLACK ENAMEL
LIFE	1,000,000 CYCLES

ENVIRONMENTAL:

TEMPERATURE	OPERATIVE -40°C TO +85°C NON-OPER. -55°C TO +100°C
HUMIDITY	0 - 95% NO CONDENSATION

NEXT ASSY	USED ON	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMAL: 2 PLACE ± .010, 3 PLACE ± .005; FRACTIONS ± 1/64; ANGLES ½ DEG. MATERIAL: FINISH:	MODEL # LM75BSTA3	
APPLICATION			DRAWN 9/6/95 Liz	
			CHECKED 9/6/95	
			APPROVED	
			APPROVED	

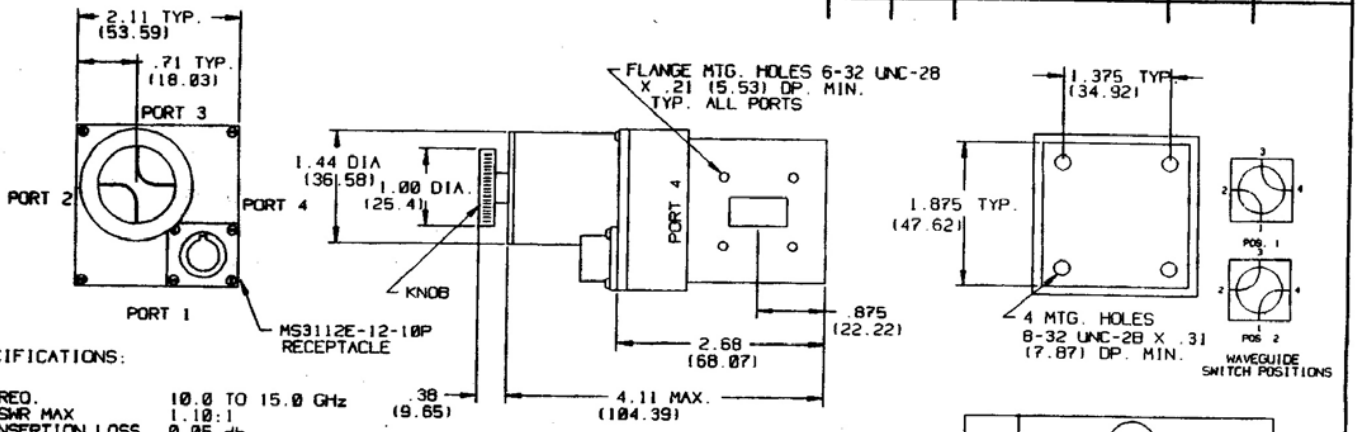
LOCUS MICROWAVE

WAVEGUIDE SWITCH, WR-D-750. DPDT. UG-COVER. MANUAL. NO INDICATORS

B	09080	B 9835-1	REV.
SCALE	UNIT WT	SHEET 1 OF 1	

MMT75BSL23

REVISIONS				
ECN	LTR	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS:

RF:

FREQ.	10.0 TO 15.0 GHz
VSWR MAX	1.10:1
INSERTION LOSS	0.05 db
ISOLATION MIN.	75 db
POWER MAX	3.50 KWCW
UNPRESSURIZED	100.0 KW PEAK

ELECTRICAL:

VOLTAGE	28 VDC + OR - 10%
CURRENT	1.0 AMPS MAX. @ 20 DEG. C
SWITCHING TIME	80 MILLISECONDS

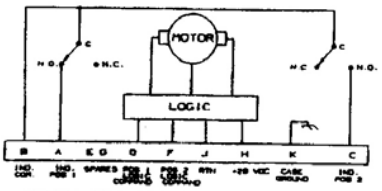
MECHANICAL:

MATERIAL	ALUMINUM (RF ASSY.)
DRIVE	REMOVABLE MOTOR DRIVE ASSEMBLY GENEVA LINKAGE
PRESSURE	30 PSIG (RF HEAD ONLY)
FINISH	IRIDITE PER MIL-C-5541 PAINT DULL BLACK ENAMEL
LIFE	1,000,000 CYCLES

ENVIRONMENTAL:

TEMPERATURE	OPERATIVE -40C TO +85C NON-OPER. -55C TO +100C
HUMIDITY	0-95%, NO CONDENSATION

OPERATING NOTES:
1. ACTIVE LOGIC SWITCH COMMAND DURATION MUST BE GREATER THAN 100 MILLISECONDS.
2. MAXIMUM SWITCHING RATE NOT TO EXCEED 30 PER MINUTE.
3. VOLTAGE LOW: 0 TO 0.8 VDC
   VOLTAGE HIGH: 3.95 ± 1.55 VDC
   CURRENT: 5 mA MAX @ 3.95 VDC



SCHEMATIC DIAGRAM-LATCHING SHOWN IN POSITION 1

NEXT ASSY	USED ON	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES DECIMAL: 2 PLACE ± .010, 3 PLACE ± .005; FRACTIONS ± 1/64; ANGLES ½ DEG. MATERIAL: FINISH:	MODEL # MMT75BSL23	
APPLICATION			DRAWN 9/5/95 Liz	
			CHECKED 9/5/95 B.O.	
			APPROVED	
			APPROVED	

LOCUS MICROWAVE

WAVEGUIDE SWITCH, WR-75, TTL. DPDT. UG-COVER. LATCHING. LOGIC HIGH

B	09080	B 9833-1	REV.
SCALE	UNIT WT	SHEET 1 OF 1	