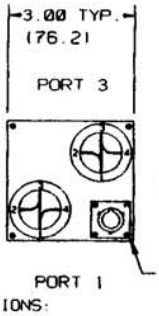
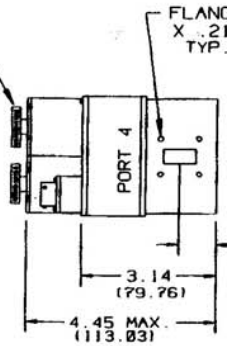
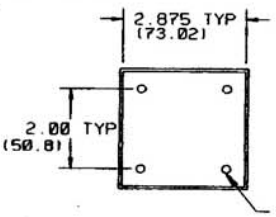
REVISIONS				
ECN	LTR	DESCRIPTION	DATE	APPROVED







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	1.25 AMPS MAX. @ 20 DEG. C
SWITCHING TIME	125 ms POS. 2 TO POS. 3
	80 ms POS. 1 TO POS. 2
	80 ms POS. 1 TO POS. 3

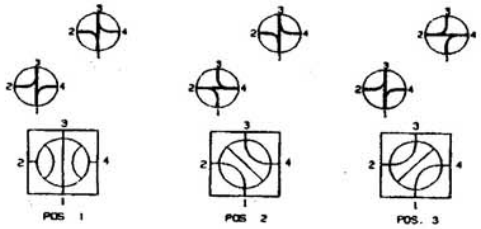
MECHANICAL:

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	500,000 CYCLES

ENVIRONMENTAL:

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

A	IND. COM.
B	IND. POS. 1
C	IND. POS. 2
D	IND. POS. 3
E	DRIVE COM. -
F	DRIVE POS. 1 +
G	DRIVE POS. 2 +
H	DRIVE POS. 3 +
J	SPARE
K	SPARE



WAVEGUIDE
SWITCH POSITIONS

NEXT ASSY	USED ON		
APPLICATION			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMAL: 2 PLACE ± .010; 3 PLACE ± .005
FRACTIONS ± 1/64
ANGLES ½ DEG.
MATERIAL
FINISH

MODEL #	LM75CSL23	
DRAWN	9/13/95	LIZ
CHECKED	9/13/95	M E
APPROVED		
APPROVED		

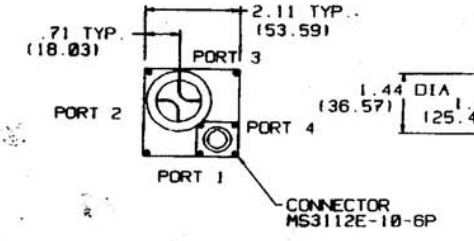
LOCUS MICROWAVE

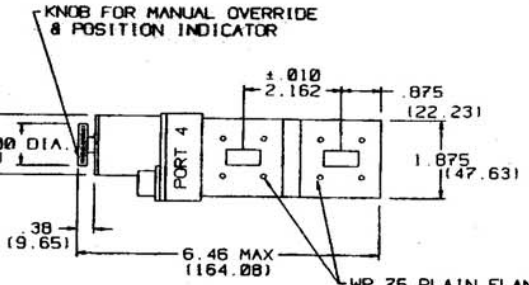
WAVEGUIDE SWITCH
SP3T. UG-COVER. LATCHING.
28 VDC. KNOBS

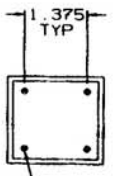
B	09080	B 9846-1	REV
SCALE NONE	UNIT WT	SHEET 1 OF 1	

LM75CSL23

REVISIONS				
ECN	LTR	DESCRIPTION	DATE	APPROVED







SPECIFICATIONS:

FREQ. RANGE	10.0 TO 15.0 GHz
V.S.W.R.	1.10:1 MAX.
INSERTION LOSS	0.10 dB MAX
ISOLATION	75 dB MIN

ELECTRICAL:

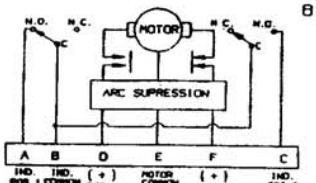
VOLTAGE	28 VDC + OR - 10%
CURRENT	2.0 AMP MAX. @ 20 DEG. C
SWITCHING TIME	100 MILLISECONDS

MECHANICAL:

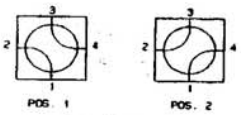
MATERIAL	ALUMINUM (RF ASSY.)
DRIVE	REMOVABLE MOTOR DRIVE ASSEMBLY GENEVA LINKAGE
PRESSURE	30 PSIG (RF HEAD ONLY)
FINISH	IRIDITE PER MIL-C-5541 PAINT DULL BLACK ENAMEL
LIFE	1,000,000 CYCLES

ENVIRONMENTAL:

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



SCHEMATIC DIAGRAM-LATCHING
SHOWN IN POSITION 1



WAVEGUIDE

NEXT ASSY	USED ON		
APPLICATION			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMAL: 2 PLACE ± .010; 3 PLACE ± .005
FRACTIONS ± 1/64
ANGLES ½ DEG.
MATERIAL
FINISH

MODEL #	LM75BSL23	
DRAWN	9/13/95	LIZ
CHECKED	9/13/95	M E
APPROVED		
APPROVED		

LOCUS MICROWAVE

STACKED WAVEGUIDE SWITCH. WR75.
DPDT. UG COVER. LATCHING.
1" DIA. KNOB

B	09080	B 9845-1	REV
SCALE	UNIT WT	SHEET 1 OF 1	

LM75BSL23