

REVISIONS				
ECN	LTR	DESCRIPTION	DATE	APPROVED

FLANGE MTG. HOLES 6-32 UNC-28 X .21 (5.53) DP. MIN. TYP. ALL PORTS

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 KW CW
 UNPRESSURIZED 100.0 KW PEAK

MECHANICAL:

MATERIAL ALUMINUM (RF ASSY.)
 DRIVE REMOVABLE MOTOR DRIVE
 ASSEMBLY GENEVA LINKAGE
 PRESSURE 30 PSIG (RF HEAD ONLY)
 FINISH IRIDIUM 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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES		MODEL #	
DECIMAL	FRACTIONS	DRWN	DATE	CHKD	APPRD
PLACE: .010	FRACTIONS: 1/64	9/6/95	LLZ	9/6/95	
PLACE: .005	FRACTIONS: 1/64				
PLACE: .002	FRACTIONS: 1/64				
ANGLE: 1/2 DEG.					
MATERIAL:					

WAVEGUIDE SWITCH, WRD-750.
 DPOT. UG-COVER. MANUAL.
 NO INDICATORS

B 09080 B 9835-1 REV.

LM75BSTA3

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ELECTRICAL:

VOLTAGE 28 VDC ± 0R - 10/
 CURRENT 1.0 AMPS MAX. @ 20 DEG. C
 SWITCHING TIME 60 MILLISECONDS

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OPERATING NOTES:

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

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

B 09080 B 9833-1 REV.

SCHEMATIC DIAGRAM-LATCHING SHOWN IN POSITION 1

MMT75BSL23