

REVISIONS				
EDN	LTR	DESCRIPTION	DATE	APPROVED

SCHEMATIC DIAGRAM-LATCHING SHOWN IN POSITION 1

SPECIFICATIONS:

MICROWAVE:

FREQ RANGE	DC TO 1 GHz	1 TO 2	2 TO 6.5	6.5 TO 6.4
V.S.W.R. MAX	1.10:1	1.15:1	1.25:1	1.30:1
INSERTION LOSS MAX	.05 dB	.10 dB	.25 dB	.30 dB
ISOLATION MIN	80 dB	70 dB	60 dB	60 dB

RF POWER: 50 WATTS CW
 IMPEDANCE: 50 OHMS

ELECTRICAL:

SWITCHING TIME: 60 MILLISECONDS
 CONTACTS: BREAK BEFORE MAKE
 VOLTAGE: 28 VDC + OR - 10%
 CURRENT: 1.5 AMP MAX. @ 20°C
 DRIVE: LATCHING MOTOR, LOGUS 1
 LIFE: 1,000,000 CYCLES MIN

MECHANICAL:

MATERIAL: RF CONN: STAINLESS STEEL
 GOLD PLATED BERYLLIUM
 COPPER CENTER CONDUCTOR
 TEFLON INSULATION
 FINISH MARKING: DULL BLACK ENAMEL
 1/8 HIGH WHITE

ENVIRONMENTAL:

TEMPERATURE: OPERATIVE -40°C TO +80°C
 NON-OPER. -55°C TO +100°C
 HUMIDITY: 0-100% CONDENSATION

COAXIAL SWITCH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		MODEL #	LWC224ANL23	
DECIMAL	FRACTIONS	DRAWN	9/9/95 LJS	
PLACE: .010	: 1/64	CHECKED	9/12/95 M.R.	COAXIAL SWITCH, WEATHERIZED DPDT, TYPE "N", LATCHING
PLACE: .005	: 1/32	APPROVED		
ANGLES: V2 DEG		APPROVED		
MATERIAL:				
NEXT ASSY	USED ON	FINISH		
APPLICATION				

LWC224ANL23

REVISIONS				
EDN	LTR	DESCRIPTION	DATE	APPROVED

SCHEMATIC DIAGRAM-LATCHING SHOWN IN POSITION 1

SPECIFICATIONS:

MICROWAVE:

FREQ. RANGE: 0 TO 1 GHz
 V.S.W.R. MAX: 1.10:1 MAX
 INSERTION LOSS: 0.05 dB MAX
 ISOLATION: 80 dB MIN

ELECTRICAL:

RF POWER: 100 WATTS MAX
 RF IMPEDANCE: 50 OHMS
 SWITCHING TIME MAX: 60 MS
 CONTACTS: BREAK BEFORE MAKE
 VOLTAGE: 28 VDC
 CURRENT: 1.0 AMPS @ 28 VDC @ 20°C

MECHANICAL:

FINISH: IRIDITE PER MIL-C-5541
 PAINT: DULL BLACK ENAMEL
 LIFE: 1,000,000 CYCLES
 DRIVE: LOGUS 1 LATCHING MOTOR

ENVIRONMENTAL:

TEMPERATURE: OPERATIVE -10°C TO +7°C
 NON-OPERATIVE -55°C TO +100°C
 HUMIDITY: 0-95% NO CONDENSATION

COAXIAL SWITCH

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		MODEL #	MMC224FBL24	
DECIMAL	FRACTIONS	DRAWN	9/8/95 LJS	
PLACE: .010	: 1/64	CHECKED		COAXIAL SWITCH, MINIATURE, DPDT, TYPE "BNC", LATCHING
PLACE: .005	: 1/32	APPROVED		
ANGLES: V2 DEG		APPROVED		
MATERIAL:				
NEXT ASSY	USED ON	FINISH		
APPLICATION				

MMC224FBL24

