



MM137BPL7B3
MM137BPL23

MWDN229APL23

REVISIONS				
EDN	LTR	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS:

RF	WAVEGUIDE	COAXIAL
FREQUENCY	3.7 - 4.2 GHz	DC TO 4.2 GHz
VSWR MAX.	1.84:1	1.20:1
INSERTION LOSS	0.95 dB	0.25 dB
ISOLATION MIN.	30 dB	60 dB
POWER MAX.	45 KW CW	50 MCW
UNPRESSURIZED	950 KW PEAK	

ELECTRICAL:
 VOLTAGE: 28 VDC + OR - 10%
 CURRENT: 3 AMPS MAX. @ 28 DEG. C
 SWITCHING TIME: 150 MILLISECONDS

MECHANICAL:
 MATERIAL: ALUMINUM (RF ASSY.)
 DRIVE: REMOVABLE MOTOR DRIVE
 ASSEMBLY: GENEVA LINKAGE
 PRESSURE: 10 PSIG (RF HEAD ONLY)
 FINISH: IRIDITE PER MIL-C-5541
 LIFE: PAINT DULL BLACK ENAMEL
 500,000 CYCLES

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

SCHEMATIC DIAGRAM-LATCHING SHOWN IN POSITION 1

DIMENSIONS SPECIFIED IN INCHES		MODEL #	
DECIMAL	FRACTION	MMDN229APL23	LOGUS
PLACE: .010	1/64	DRAWN: 9/14/95	LLK
PLACE: .010	1/64	CHECKED:	
PLACE: .010	1/64	APPROVED:	
ANGLE: 1/2 DEG.		APPROVED:	
MATERIAL:			
NEXT ASSY:	USED ON:		
APPLICATION:	FINISH:		

SCALE: B	UNIT WT: 09080	SHEET: B	OF: 9849-1
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MMEM229BQL24

REVISIONS				
EDN	LTR	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS:

RF	WAVEGUIDE	COAXIAL
FREQ RANGE	3.70 GHz TO 4.20 GHz	
V S W R MAX.	1.84:1	1.20:1
INSERTION LOSS	0.95 dB	0.25 dB
ISOLATION MIN.	30 dB	60 dB
POWER MAX.	45 KW CW	100 MCW
UNPRESSURIZED	950 KW PEAK	

ELECTRICAL:
 VOLTAGE: +28 VDC
 CURRENT: 2 AMPS MAX. @ 28 VDC
 SWITCHING TIME: 100 MILLISECONDS

MECHANICAL:
 MATERIAL: ALUMINUM
 DRIVE: REMOVABLE MOTOR DRIVE
 ASSEMBLY: GENEVA LINKAGE
 PRESSURE: 10 PSIG (W/G HEAD ONLY)
 FINISH: IRIDITE PER MIL-C-5541 CL3
 LIFE: PAINT DULL BLACK ENAMEL
 500,000 CYCLES

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

SCHEMATIC DIAGRAM-LATCHING SHOWN IN POSITION 1

DIMENSIONS SPECIFIED IN INCHES		MODEL #	
DECIMAL	FRACTION	MMEM229BQL24	LOGUS
PLACE: .010	1/64	DRAWN: 9/14/95	LLK
PLACE: .010	1/64	CHECKED:	
PLACE: .010	1/64	APPROVED:	
ANGLE: 1/2 DEG.		APPROVED:	
MATERIAL:			
NEXT ASSY:	USED ON:		
APPLICATION:	FINISH:		

SCALE: B	UNIT WT: 09080	SHEET: B	OF: 9851-1
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