



REVISIONS				
ZONE	SYM	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

FREQUENCY RANGE: 2.0-18.0 GHz
 DYN RANGE: 60 dB
 INSERTION LOSS: 4.0 dB MAX
 CONTROL: 6 BIT TTL
 FLATNESS: @20 dB +/- 1 dB
 @40 dB +/- 1.25 dB
 @60 dB +/- 1.5 dB

VSWR: 2.0:1 MAX
 LINEARITY: +/- 1 dB MAX
 RF POWER: +10 dBm
 TEMP STABILITY: 0.02 dB/°C MAX
 SPEED: 3 USEC MAX
 DC POWER: +15 @ 150 MA MAX
 -15 @ 100 MA MAX
 TEMP RANGE: -55°C TO +95°C

LETTER	FUNCTION	LETTER	FUNCTION
A	GND	J	4 dB
B	-	K	2 dB
C	+15V	L	-
D	-	M	16 dB
E	1 dB LSB	N	8 dB
F	-15V	P	GND
H	-	R	MSB 32 dB

- NOTES:
- FINISH: WASH PRIMER PER DDD-P-15328D
 PRIMER PER MIL-P-23377D
 PAINT PER MIL-C-22750
 COLOR :BLUE
 - MARKING: BLACK EPOXY INK .08 HIGH CHARACTERS
 PER MIL-STD- 130

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UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON FINISHES: .63
 ANGLES: ±1/2° FRACTIONS: ±1/64
 3 PLACE DECIMALS: ±.005
 2 PLACE DECIMALS: ±.01
 1 PLACE DECIMALS: ±.1
 FILLETS: .005R MAX
 REMOVE BURRS AND SHARP EDGES TO .005 MAX. R OR CHAMFER

DRAFT	MRG	DATE	3-26-03	TITLE	2-18 GHz DIGITAL ATTENUATOR OUTLINE		
CHKD					SIZE	CAGE CODE	DWG NO
PRD				B	1UJ73	500-F203	
ENGR				SCALE	2/1	SHEET 1 OF 1	
QA							



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