



REVISIONS				
ZONE	SYM	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

FREQUENCY RANGE: 6.0-18.0 GHz
 DYN RANGE: 40 dB
 INSERTION LOSS: 3.0 dB MAX
 ACCURACY: +/-0.3 dB OR +/-5%
 FLATNESS: +/-0.5 dB OR +/-5%
 TEMP STABILITY: 0.02 dB/°C MAX
 SPEED: 3 USEC MAX
 DC POWER: +15 @ 150 MA MAX
 -15 @ 150 MA MAX
 CONTROL: 6 BIT TTL (1 dB LSB)
 RF POWER: 100 mW MAX
 VSWR: 1.8:1 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 DOD-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

<small>THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF RH LABS AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEM(S) WITHOUT WRITTEN PERMISSION</small>			TITLE 6-18 GHz DIGITAL ATTENUATOR OUTLINE		
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FINISH: R63 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</small>	<small>DRAFT</small> MRG	<small>DATE</small> 3-26-03	<small>SIZE</small> B	<small>CAGE CODE</small> 1UJ73	<small>DWG NO</small> 500-F205
<small>CHKD</small>	<small>PROD</small>	<small>ENGR</small>	<small>SCALE</small> 2/1	<small>SHEET</small> 1 OF 1	



One Tanguay Avenue
 Nashua, New Hampshire 03063-1711
 Phone: 603-459-0127 • Fax: 603-459-0227
 Email: Sales@RH-Labs.com