



SPECIFICATIONS - ROTARY JOINT:

	WR-187 WAVEGUIDE CHANNEL
FREQUENCY (GHz):	5.4-5.8
VSWR (MAX.):	1.15
VSWR WOW (MAX.):	0.05
INSERTION LOSS (dB) (MAX.):	0.15
INSERTION LOSS WOW:	< ± 0.05 dB
PEAK POWER (KW):	350
AVERAGE POWER (W):	1,000
CONNECTION TYPE:	WR-187 CHOKE FLANGE PER MIL-F-3922/62-001

SPECIFICATIONS - MECHANICAL/ENVIRONMENTAL:

PRESSURIZATION:	10 PSIG (0.07 Mpa) MINIMUM, 15 PSIG (0.10 Mpa) PREFERRED
LEAK RATE:	5 CC/MINUTE MAX.
TORQUE:	13.3 IN-LB MAX. (1.5 Nm)
ROTATION RATE:	60 RPM
WEIGHT:	5.51 LBS (2.5 KG)
TEMPERATURE RANGE:	-40°C TO +85°C (OPERATING) -70°C TO +125°C (STORAGE)
BASIC MATERIAL:	ALUMINUM ALLOY
FINISH:	TBD

LABEL:
 LABEL IS TO INCLUDE THE FOLLOWING AS A MINIMUM:
 PT# 46-546-0
 S/N: _____

RoHS COMPLIANT

THIRD ANGLE PROJECTION		DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460	
DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX. UNLESS OTHERWISE SPECIFIED. SURF. FINISH 63. TOLERANCES ARE: FRACTIONS DECIMALS ANGLES 1/64 3 PLACES ±.010 ±.012		TITLE: ROTARY JOINT, WR187, "L" STYLE	
SIZE: D	CAGE CODE: 01882	DRAWING NUMBER: CAT 46-546-0	
SCALE: 1:1	WEIGHT (EST.):	SHEET 1 OF 1	