



2X 15-SKT 'D'
SUBMINIATURE
CONNECTORS
DA-15S

NOTES:
1. P1 & P2 CONNECTORS TO BE PROVIDED AND MOUNTED BY CUSTOMER.
ALL STATOR CABLE LEADS TO BE MARKED WITH APPROPRIATE ID NUMBERS.

SPECIFICATIONS - ROTARY JOINT:

	WR-187 WAVEGUIDE CHANNEL
FREQUENCY (GHz):	5.6-5.65
VSWR (MAX.):	1.15:1
VSWR WOW (MAX.):	1.03
INSERTION LOSS (dB) (MAX.):	0.15
INSERTION LOSS WOW (dB MAX):	±.05
PEAK POWER (KW):	400*
AVERAGE POWER (W):	2,000*

(*) @ 7.3 PSIG MIN. PRESSURE AND MAX. OUTPUT MISMATCH OF 1.5:1

SPECIFICATIONS - MECHANICAL/ENVIRONMENTAL:

PRESSURIZATION:	* 7.3 PSIG (0.05 Mpa) [MINIMUM REQUIRED]
LEAK RATE:	5 CC/MINUTE MAX.
TORQUE:	22 IN-LB MAX. (2.5 Nm)
ROTATION RATE:	12 RPM (MAX)
WEIGHT:	15.4 LBS (7 KG) MAX
TEMPERATURE (OPER):	-40°C TO +70°C
TEMPERATURE (STORAGE):	-55°C TO +85°C
LIFE:	30,000,000 REVOLUTIONS
BASIC MATERIAL:	ALUMINIUM ALLOY
FINISH:	TBD

LABEL: APPLY DIAMOND STD. LABEL AS SHOWN
LABEL IS TO INCLUDE THE FOLLOWING AS A MINIMUM:
PT# 51-546-0
S/N: _____
DATE CODE: _____

ROHS COMPLIANT

32 CHAN SLIP RING

CHANNELS 1-11: 85V/3A PULSED DC-SIGNALS
CHANNELS 12-20: 15V/100mA
CHANNELS 21-32: 85V/3A. DC/AC

<p>THIRD ANGLE PROJECTION</p>	<p>DIAMOND ANTENNA & MICROWAVE CORP LITTLETON, MA 01460</p>		
	<p>TITLE: ROTARY JOINT, WR-187, "L" STYLE</p>		
<p>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 2 PLACES ±.03 ±1/2° 3 PLACES ±.010</p>	<p>SIZE: C</p>	<p>CAGE CODE: 01882</p>	<p>DRAWING NUMBER: CAT 51-546-0</p>
<p>INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M</p>	<p>SCALE: 3:4</p>	<p>WEIGHT (EST.):</p>	<p>SHEET 1 OF 1</p>