SPECIFICATIONS

	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7
FREQUENCY (MHz):	1030-1090	1030-1090	1030-1090	1250-1350	1250-1350	740	740
VSWR (MAX):	1.3:1	1.3:1	1.3:1	1.5:1	1.3:1	1.5:1	1.5:1
VSWR WOW (MAX):	0.06	0.06	0.06	0.06	0.06	0.06	0.06
INSERTION LOSS (dB MAX):	0.9	0.9	0.9	0.6	1.1	1.6	1.6
PEAK POWER:	2000 W	2000 W	Rx	10 kW	Rx	Rx	Rx
MEAN POWER:	100 W	100 W	Rx	1 kW	Rx	Rx	Rx
CONNECTION TYPE:	TYPE N	TYPE N	TYPE N	TYPE 7/16	TYPE N	TYPE N	TYPE N

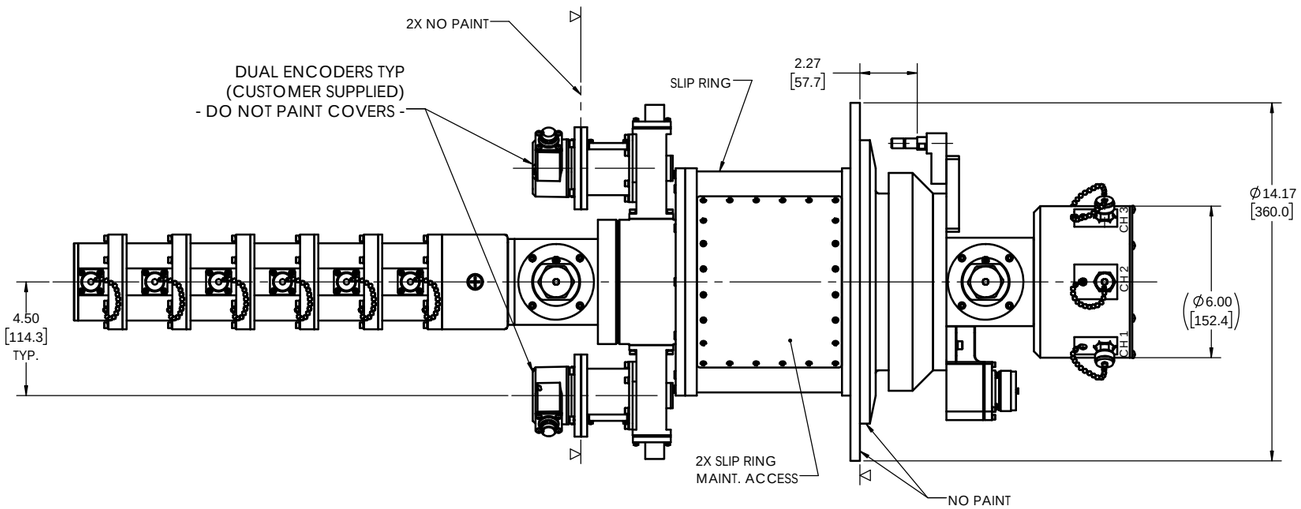
ISOLATION: 60dB BETWEEN CHANNELS
WEIGHT: NOT TO EXCEED 100 LBS. (EST.)
MATERIAL: PREDOMINANTLY ALUMINUM ALLOY
TEMPERATURE (OPER): -40º TO 70ºC
(STORAGE): -55º TO 85ºC
HUMIDITY (RH): 100%
INGRESS PROTECTION RATING: IP 62
ROTATION RATE: 15 RPM NOMINALLY
TORQUE: 15 FT-LBS MAX
FINISH: TBD
PAINT: TBD
NO PAINT: INDICATED BY ▽ & ON NOTED SURFACES, CONNECTORS & CONNECTOR COVERS
MARKING: LABELS TO INCLUDE:
DIAMOND PART NO.
REVISION
SERIAL NUMBER

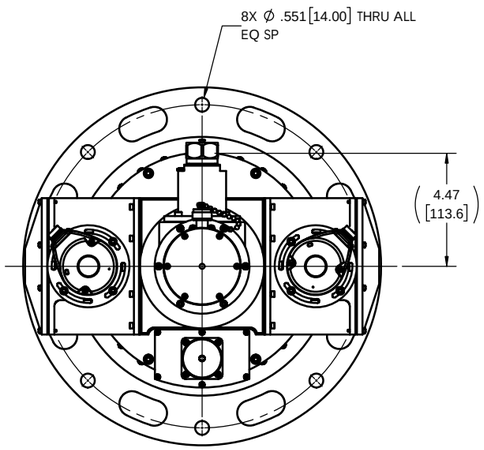
RoHS COMPLIANT

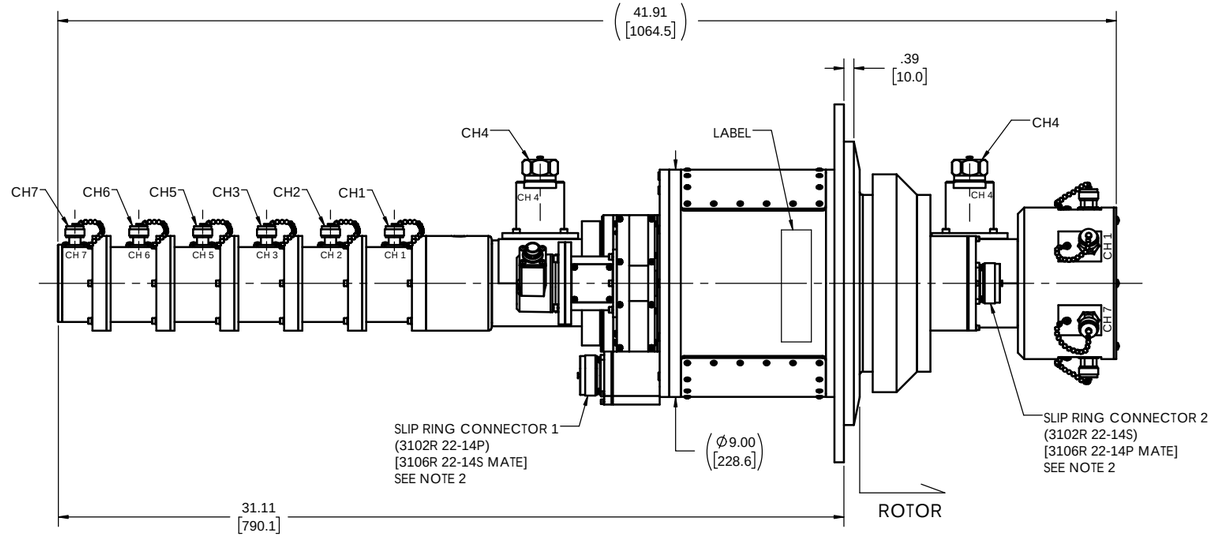
SLIP RING

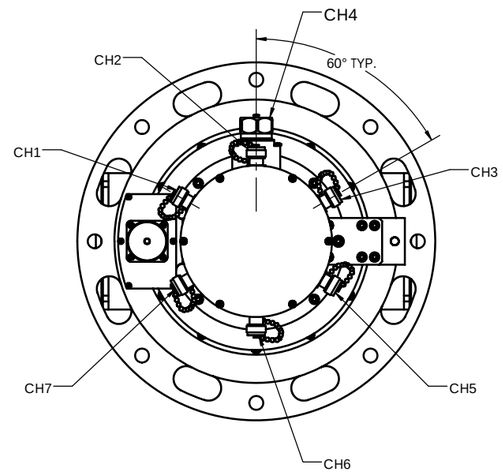
15 CHANNELS: 5 @ 380V, 3A
10 @ 24V, 0.5A

ALL DIMENSIONS SHOWN AS REFERENCE ARE SUBJECT TO CHANGE.









NOTES:

1. ENSURE THAT ALL CONNECTORS ARE CAPPED FOR SHIPMENT AND THAT ALL CAP CHAINS ARE PROPERLY ANCHORED. (THIS APPLIES TO ALL TYPE N, 7/16 AND SLIP RING CONNECTORS).

2. ENSURE THAT MATING SLIP RING CONNECTORS ARE PROPERLY PACKAGED AND SHIPPED WITH UNIT.

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63√
TOLERANCES ARE:
FRACTIONS ±1/64 | DECIMALS 2 PLACES ±.03 3 PLACES ±.010 | ANGLES ±1/2°
INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

TITLE: 7 CHAN ROTARY JOINT W/ 15 CHAN SLIP RING

SIZE:	CAGE CODE:	DRAWING NUMBER:
D	01882	CAT 10-2762-0

SCALE 1:3 | WEIGHT (EST.): | SHEET 1 OF 1