THIRD ANGLE PROJECTION

DUAL CHANNEL WR-28 W/G

DIMENSIONS ARE IN INCHES.

REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED, SURF FINISH 63 TOLERANCES ARE:

FRACTIONS
1/64          2 PLACES
0.03
1/2
3 PLACES
0.010
0.1 MAX 0.7 MAX

PER MIL-STD-810F, PARAGRAPH 514.5, CATEGORY 20, FIG. 514.5C-3.
IRIDITE PER MIL-DTL-5541F, CL.3
ALUMINUM

THE CHANNELS SHALL BE IDENTIFIED AS CH1 AND CH2 AT BOTH ENDS OF THE ROTARY JOINT. THE MARKINGS SHALL BE 1/8 INCH HIGH. APPLY DIAMOND STD. LABEL APPROX. WHERE SHOWN.

SPECIFICATION CHANNEL 1 CHANNEL 2
1. FREQ (GHz): 30.0 TO 31.0 20.2 TO 21.2
2. VSWR: 1.51 MAX 2.01 MAX
3. VSWR WOW/360 DEG: 0.1 MAX 0.50 MAX
4. INSERTION LOSS: 0.7 MAX 0.7 MAX
5. INSLO/ISO WOW/360 DEG: 0.1 MAX 0.7 MAX
6. CHANNEL ISOLATION: 50 MIN 40 MIN
7. POWER HANDLING (WATTS): 40 MIN RECEIVE

8. TEMPERATURE: -50 TO +65 C
9. HUMIDITY: UP TO 95% CONDENSING @ +65 C
10. SPEED: 33 RPM MAX (200 DEG/REVS/SEC)
11. TORQUE: 5/8 INCH OUNCES MAX
12. SHOCK: PER MIL-STD-810F, PARAGRAPHS 514.5, FIG. 514.5-8, PROCEDURE I FUNCTIONAL SHOCK
14. FINISH: INDIANE PER MIL-DTL-5541F, CL.3
15. MATERIAL: ALUMINUM
16. MARKING: THE CHANNELS SHALL BE IDENTIFIED AS CH1 AND CH2 AT BOTH ENDS OF THE ROTARY JOINT. THE MARKINGS SHALL BE 1/8 INCH HIGH. APPLY DIAMOND STD. LABEL APPROX. WHERE SHOWN.