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| REVISIONS | | | | | |
|-----------|---------------|------|--|-----------------|------------------|
| REV. | ECN# | ZONE | DESCRIPTION | CHANGED BY/DATE | APPROVED BY/DATE |
| 2 | | | ADD IN GASKET; REVISED SPECIFICATION TABLE | YS TAN 05JUN17 | WT NG 05JUN17 |
| F01 | | | PRODUCTION RELEASED; REMOVED MOUNTING NUT AND GASKET; REVISED SPECIFICATION TABLE | YS TAN 04AUG17 | WT NG 04AUG17 |
| F02 | ECN-IAS-06336 | | REVISED PEAK GAIN FOR 2300-2500MHz FREQ. BAND; REVISED ISOLATION FOR 698-960MHz FREQ. BAND | YS TAN 10AUG17 | WT NG 10AUG17 |

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C

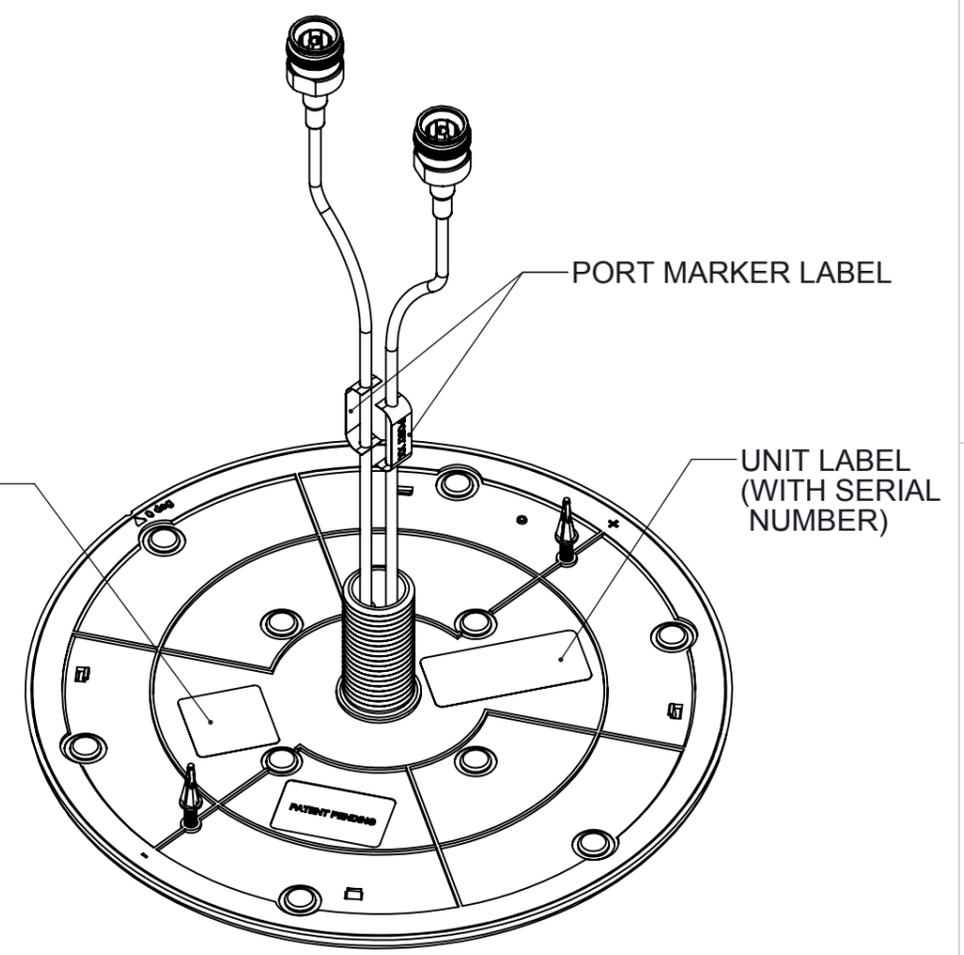
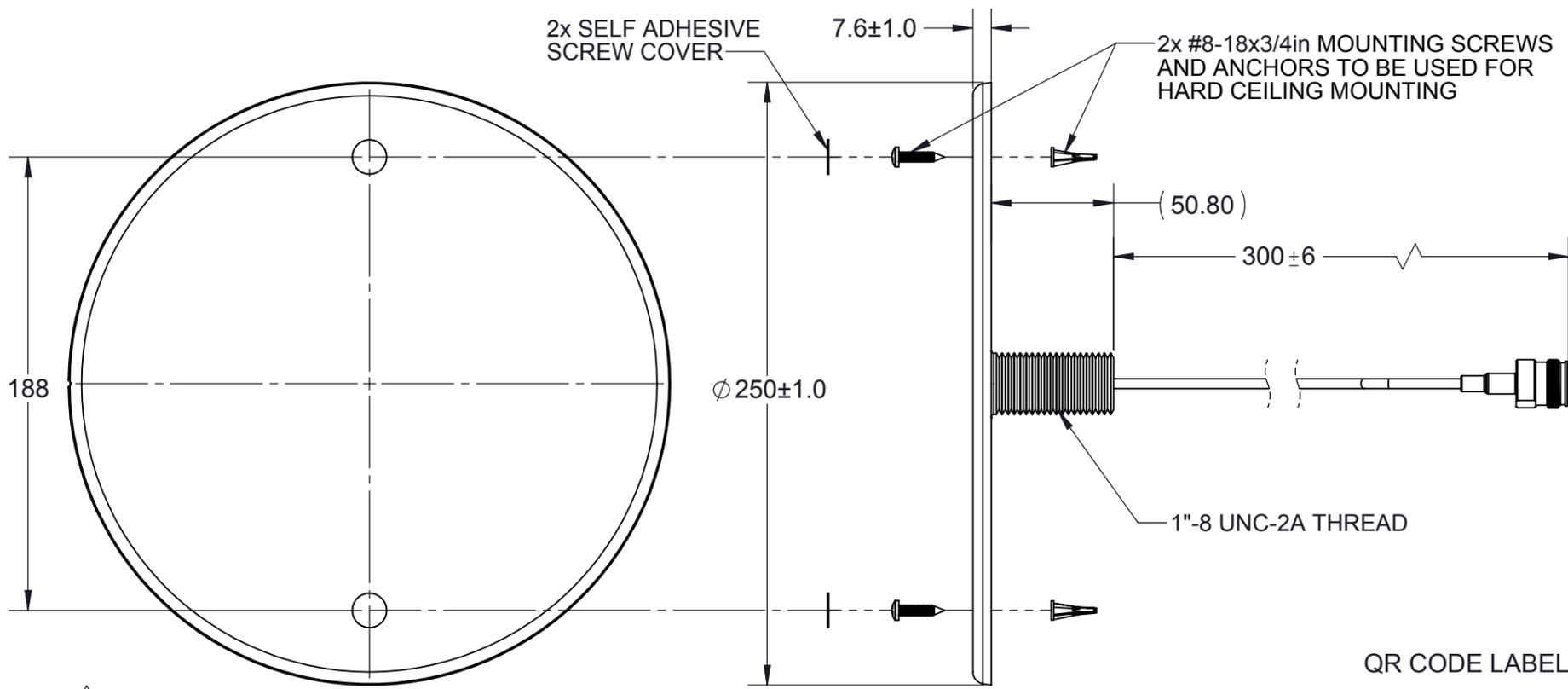
C

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F02

| PARAMETER | SPECIFICATION | | | | | | | | | | |
|-------------------------------------|----------------------|---------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| Part No | CFD69383P1-30D43F | | | | | | | | | | |
| Ports | 2 | | | | | | | | | | |
| Frequency Bands, MHz | 698-806 | 824-894 | 880-960 | 1350-1550 | 1690-1880 | 1850-1990 | 1910-2180 | 2300-2500 | 2500-2700 | 3300-4000 | |
| Peak Gain, dBi (Max) | 3.8 | 3.7 | 4.2 | 5.0 | 4.7 | 4.3 | 6.0 | 5.0 | 5.7 | 5.4 | |
| VSWR, Max | < 1.5:1 | | < 2.0:1 | | < 1.8:1 | | | < 2.0:1 | | | |
| PIM, 3rd Order, 2 x 20W (Max), dBc | < -150 | | < -150 | | | | | | | | |
| Isolation, dB (Min) | > 18 | | > 13 | | > 15 | | | > 25 | > 28 | > 25 | |
| Nominal Impedance, Ω | 50 | | | | | | | | | | |
| Polarization | Linear - Horizontal | | | | | | | | | | |
| Azimuth Beam Width, ° | 360, Omnidirectional | | | | | | | | | | |
| Max Power (Ambient 25°C/77°F), Watt | 50 | | | | | | | | | | |
| Cable Length, cm/Connector | 30/ 4.3-10, Female | | | | | | | | | | |
| Antenna Dimension (Ht x Dia), mm | 7.6 x 250 | | | | | | | | | | |
| Weight (Approximation), g | 440 | | | | | | | | | | |
| Antenna Color | White | | | | | | | | | | |
| Radome | PC, UL94-V0 | | | | | | | | | | |
| Operating Temperature, °C | -30 to +70 | | | | | | | | | | |
| Storage Temperature, °C | -40 to +85 | | | | | | | | | | |
| RoHS Compliance | YES | | | | | | | | | | |

| | | | | | |
|----------------------|---------|------------------------|--|---|--|
| MATERIAL: N/A | | THIRD ANGLE PROJECTION | | | |
| FINISH: N/A | | DO NOT SCALE DRAWING | | | |
| APPROVALS | | DATE | | TITLE: CFD69383P1-30D43F MOUNTING & OUTLINE | |
| DRAWN BY | YS TAN | 22MAY17 | | | |
| ELEC. ENG. | CC SU | 22MAY17 | | | |
| MECH. ENG. | YS TAN | 22MAY17 | | | |
| MFG./OPS. | HE KHOR | 22MAY17 | | SIZE: A3 DWG. NO.: CFD69383P1-30D43FMO REV: F02 | |
| SCALE: 2:5 | | PREVIOUS# | | SHEET 1 OF 1 | |

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