



**NOTES: (UNLESS OTHERWISE SPECIFIED)**

1. ALL DIMENSIONS ARE IN MILLIMETERS [in].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. SAFETY BREAK ALL SHARP CORNERS AND EDGES .02 MAXIMUM.
5. ANTENNA: CERAMIC PATCH
  1. FREQ: 868MHz ± 3MHz
  2. VSWR: 9.5 MAX
  3. OPERATING TEMP: -40°C - 85°C
  4. IMPEDANCE: 50Ω
6. ADHESIVE BACKED: NITTO: 5015 ACRYLIC ADHESIVE
  1. APPLY BETWEEN 10°C - 40°C
  2. REPOSITIONABLE
7. LINK LOGO AND PART NUMBER TO BE PRINTED USING BLACK EPOXY INK AS SHOWN.

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|                      |  |  |              |                                 |  |              |
|----------------------|--|--|--------------|---------------------------------|--|--------------|
| MATERIAL:<br>CERAMIC |  | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.<br>.X ±2.0      ANGLES: ±1°<br>.XX ±1.00      SURFACE: ✓<br>.XXX ±.500 |              | PROJECTION:<br>                 | TITLE:<br><b>868 MHz Ceramic Patch<br/>Antenna 25 mm square RHCP</b> |              |
| FINISH:              |  | DRAWN: JHAGER  | DT: 10/20/20 | SIZE DWG. NO. REV               |  | <b>A</b>     |
|                      |  | ENGR: DASARATHAN   | DT:          | SCALE: 2:1 DO NOT SCALE DRAWING |  | SHEET 1 OF 1 |