
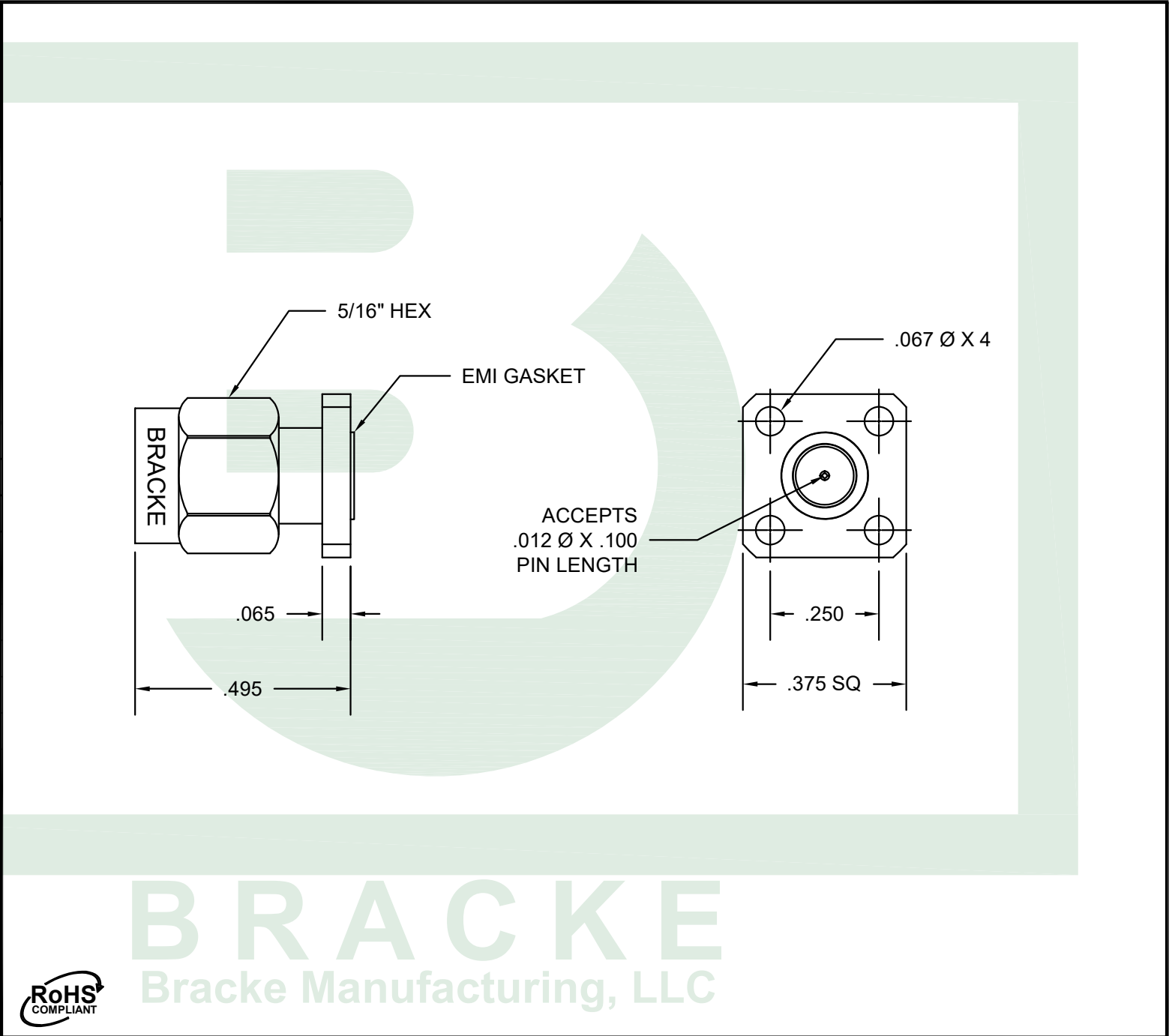
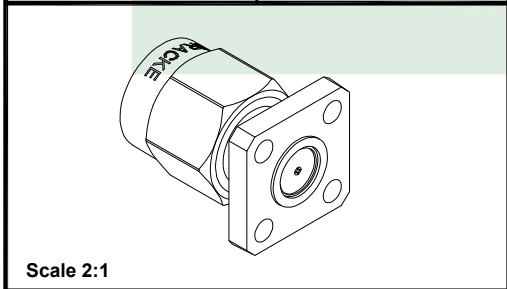



| MATERIALS   |                                     |
|---|-------------------------------------|
| BODY  | PASSIVATED STAINLESS STEEL          |
| CONTACT   | GOLD PLATED                         |
| INSULATOR   | PTFE                                |
| EMI GASKET  | SILVER PLATED COPPER IN RUBBER      |
| HARDWARE  |                                     |
| <br>GASKET |                                     |
| ELECTRICAL & ENVIRONMENTAL CHARACTERISTICS  |                                     |
| IMPEDANCE   | 50 OHM                              |
| INSULATION RESISTANCE   | 5000 MΩ                             |
| OPERATING FREQUENCY   | 18 GHz                              |
| DIELECTRIC WITHSTANDING VOLTAGE   | 1000 Vrms                           |
| VSWR TYPICAL  | 1.25:1                              |
| INSERTION LOSS TYPICAL  | .06 √ Freq. GHz                     |
| OPERATING TEMPERATURE   | -65 to +165 C°                      |
| VOLTAGE RATING  | 500 VOLTS                           |
| INTERFACE   | MIL-STD-348                         |
| VIBRATION   | MIL-STD-202 METHOD 204, CONDITION A |
| CORROSION   | MIL-STD-202 METHOD 101, CONDITION B |



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|--|----------------|------------|---|--|-------------|----------|
|  | <b>BM61144</b> |            | <b>18 GHz SMA Male 4 Hole .375" Panel Mount with Gasket</b><br><b>Accepts .012" Pin [Field Replaceable Connector]</b>   |  | 6LOW2       |          |
|  |                |            |   |  | Scale       | Unit     |
|  |                |            |   |  | 3:1         | Inches   |
|  | Produced By    | Checked By | <b>Notes</b><br><ul style="list-style-type: none"><li>• Bracke Manufacturing, LLC reserves the right to change any specifications at any time in its sole discretion without notice.</li><li>• The depiction above was produced by and is the sole property of Bracke Manufacturing, LLC and may not be copied or reproduced in any manner without Bracke's prior written consent.</li></ul> <div>©2023 Bracke Manufacturing, LLC</div> |  | Date        | Revision |
| 002  | 007            | 10/11/2023 |   |  | A-01        |          |