



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1542 MHz / 1643 MHz

Ceramic Duplexer

Part Number: AM1542-1643D1096



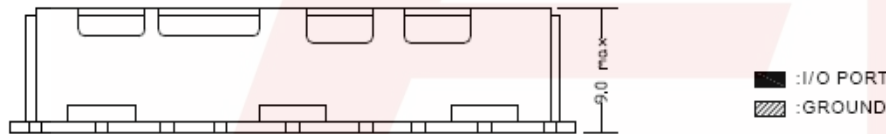
| <u>Characteristics</u> | <u>Band 1</u> | <u>Band 2</u> |
|----------------------------------|---------------|-------------------|
| Passband: | 1525-1559 MHz | 1626.5-1660.5 MHz |
| Bandwidth: | Fo ± 17 MHz | Fo ± 17 MHz |
| Passband Return Loss: | 12 dB min | 12 dB min |
| Passband Insertion Loss: | 2.5 dB max | 2.5 dB max |
| Passband Ripple: | 1.5 dB max | 1.5 dB max |
| Input / Output Impedance: | 50 Ohms | 50 Ohms |
| Isolation: | 55 dB min | 55 dB min |
| Power Handling: | 3 W | 3 W |

| <u>Mechanical</u> | |
|-------------------------|---------------------|
| Mounting Method: | SMT |
| Dimensions: | 42.9 x 40.95 x 9 mm |

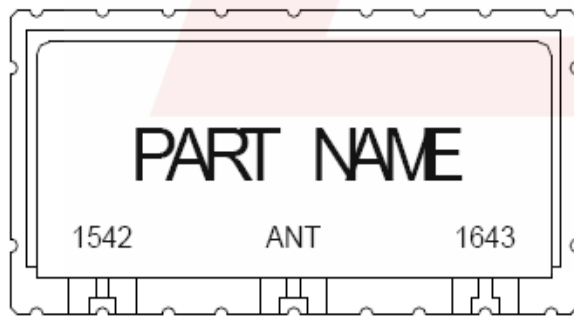
| <u>Environmental</u> | |
|-------------------------------|------------------|
| Operating Temperature: | -20 to +70 deg.C |
| Storage Temperature: | -50 to +90 deg.C |

This product is RoHs compliant.

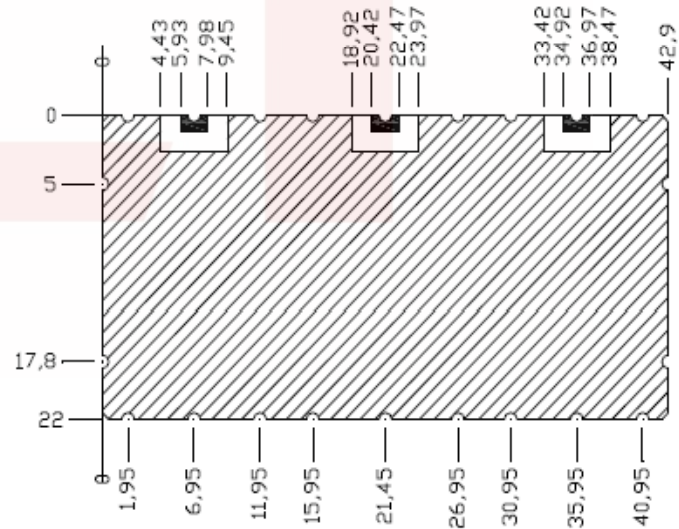
Outline Drawing:



<FRONT VIEW>



<TOP VIEW>



<BOTTOM VIEW>

DS-D1096-08202015-Rev0