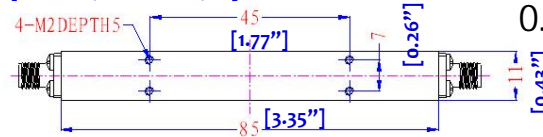
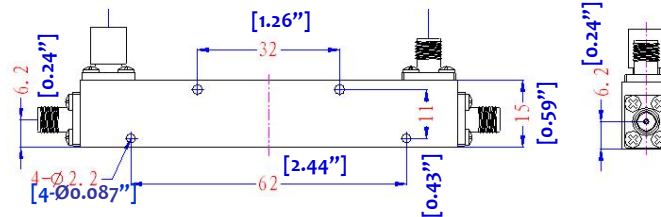


[4-Mo.079"DEPTH0.197"]



0.8-2.5GHz DIRECTIONAL COUPLER

--- RFDC8M3G06D



| 1.0 | Mechanical Specifications | |
|-----|---------------------------|--------------------------------|
| 1.1 | Connector | SMA-Female Brass, Nickel Plate |
| 1.2 | Connect Pins | Beryllium Copper, Gold Plate |
| 1.3 | Housing | Aluminum, Black paint |
| 1.4 | Insulators | Ptee, Virgin Electrical grade |

| 2.0 | Environment specifications | |
|-----|----------------------------|-----------------------------------|
| 2.1 | Operation Temp. | -40°C~+85°C |
| 2.2 | Storage Temp. | -65°C~+150°C |
| 2.3 | Altitude | 45000 ft |
| 2.4 | Vibration | 10g rms (15 degree 2KHz) |
| 2.5 | Humidity | 100% RH at 35c, 95%RH at 40 deg c |
| 2.6 | Shock | 20G for 11msc |

| 3.0 | Electrical Specifications | | | | | |
|-------------|---------------------------|---------------|---------------------|------------------|-------------------|------|
| Part Number | Freq. (GHz) | Coupling (dB) | Insertion Loss (dB) | Directivity (dB) | Forward Power (W) | VSWR |
| RFDC8M3G06D | 0.8-2.5 | 6 | 0.5 | 20 | 50 | 1.2 |



| | |
|-------------------------|-----------------------|
| PAGE 1 OF 1 | DATE Apr 1 2006 |
| DESIGN | RFPC |
| RF-LAMBDA | RFPC |
| CAD MODEL REVISION 08 | |
| ASSEMBLY REVISION V54A2 | |
| ASSEMBLY NAME RFLVR07 | |
| DRAWING NUMBER | DoS-2 |
| www.rflambda.com | |
| RF-LAMBDA | SIZE LT SHEETS 1 OF 1 |