

**TMDC-13701450-6S30 13.7-14.5 GHz, 6dB, 30W, SMA Female**

**FEATURES**

- ❖ Wide Band Operation 13.7-14.5 GHz
- ❖ Power Handle Capability up to 30W
- ❖ 6 dB Typical Coupling
- ❖ Low Insertion Loss

**APPLICATIONS**

- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

**SPECIFICATIONS**

| Parameters              | Min.         | Typ. | Max. | Units |
|-------------------------|--------------|------|------|-------|
| Frequency Range         | 13.7         | -    | 14.5 | GHz   |
| Impedance               | -            | 50   | -    | Ohms  |
| Nominal Coupling        | 5            | 6    | 7    | dB    |
| Frequency Sensitivity   | -            | ±0.9 | ±1.0 | dB    |
| Directivity             | 12           | -    | -    | dB    |
| Insertion Loss          | -            | -    | 1.2  | dB    |
| VSWR Primary            | -            | 1.18 | 1.4  | :1    |
| VSWR Secondary          | -            | 1.18 | 1.4  | :1    |
| Average Power           | 30           |      |      | W     |
| Operating Temperature   | -45°C~+85°C  |      |      |       |
| Storage Temperature     | -50°C~+105°C |      |      |       |
| Input/Output Connectors | SMA female   |      |      |       |
| Weight                  | 30g          |      |      |       |
| Surface Finishing       | Black Paint  |      |      |       |
| Material                | Aluminum     |      |      |       |

**Outline Drawing [mm[inch]]**

