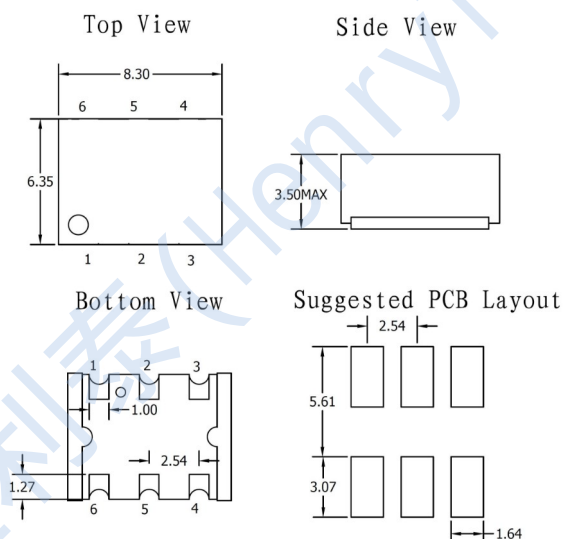




5-1000MHz 50Ω 2 Ways 0° Power Splitter

HT-ADP-2-10+

Mechanical Dimensions:



Notes:

- 1: Dimensions in mm.
- 2: Tolerance  $\pm 0.3\text{mm}$  unless otherwise noted.

Maximum Ratings:

| Parameters                  | Conditions | Unit       | Min | Max |
|-----------------------------|------------|------------|-----|-----|
| RF Power                    |            | Watt       |     | 1   |
| DC Current                  |            | mA         |     | 500 |
| Operating Temperature Range |            | Degree Cel | -40 | 85  |
| Storage Temperature Range   |            | Degree Cel | -55 | 100 |
| Moisture Sensitivity Level  |            |            |     | 1   |

Ordering Information:

| Part Description | Details      |
|------------------|--------------|
| HT-ADP-2-10+     | 800 per reel |

Ports Configuration:

|          |     |
|----------|-----|
| SUM PORT | 1   |
| PORT 1   | 3   |
| PORT 2   | 4   |
| GROUND   | 6   |
| NOT USED | 2,5 |

Schematic:





5-1000MHz 50Ω 2 Ways 0° Power Splitter

HT-ADP-2-10+

Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

| Parameter           | Test Conditions | Unit | Min | Typical | Max  |
|---------------------|-----------------|------|-----|---------|------|
| Frequency Range     | -               | MHz  | 5   | ~       | 1000 |
| Insertion Loss      | 5-1000MHz       | dB   | -   | 0.8     | 1.1  |
| Amplitude unbalance | 5-1000MHz       | dB   | -   | 0.1     | 0.3  |
| Phase unbalance     | 5-1000MHz       | °    | -   | 1       | 3    |
| Input VSWR          | 5-1000MHz       | -    | -   | 1.2     | 1.35 |
| Output VSWR         | 5-1000MHz       | -    | -   | 1.15    | 1.3  |
| Isolation           | 5-1000MHz       | dB   | 15  | 23      | -    |

Notes:

1: Specifications guaranteed over the operating temperature range.

Typical Performance Curves:

