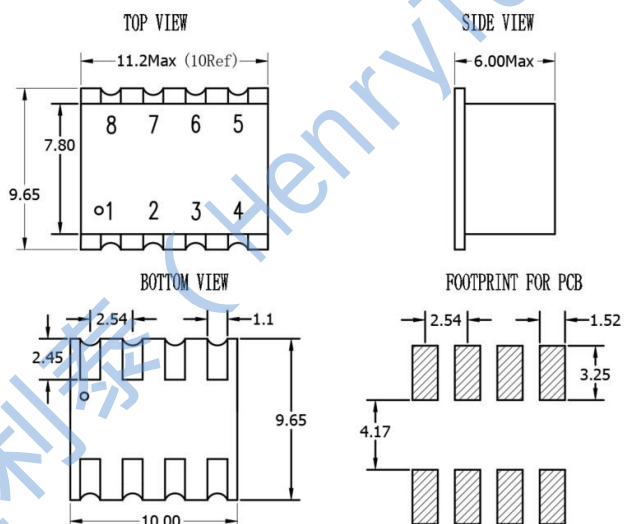




1-300MHz 50Ω 3 Ways 0° Power Splitter

HT-AD3PS-1+

Mechanical Dimensions:



Ports Configuration:

|          |         |
|----------|---------|
| SUM PORT | 1       |
| PORT 1   | 8       |
| PORT 2   | 5       |
| PORT 3   | 4       |
| GROUND   | 2,3,6,7 |

Schematic:



Maximum Ratings:

| Parameters                  | Conditions | Unit       | Min | Max |
|-----------------------------|------------|------------|-----|-----|
| RF Power                    |            | Watt       |     | 2   |
| 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-AD3PS-1+      | 500 per reel |

## 1-300MHz 50Ω 3 Ways 0° Power Splitter

**HT-AD3PS-1+**

## Electrical Specifications: Zo=50 Ohm Pin = 0 dBm

| Parameter           | Test Conditions | Unit | Min | Typical | Max |
|---------------------|-----------------|------|-----|---------|-----|
| Frequency Range     | -               | MHz  | 1   | ~       | 300 |
| Insertion Loss      | 1-300MHz        | dB   | -   | 0.8     | 1.5 |
| Amplitude unbalance | 1-300MHz        | dB   | -   | 0.2     | 0.4 |
| Phase unbalance     | 1-300MHz        | °    | -   | 3       | 6   |
| VSWR                | 1-300MHz        | -    | -   | 1.25    | 1.5 |
| Isolation           | 1-300MHz        | dB   | 15  | 25      | -   |
|                     |                 |      |     |         |     |

Notes:

1: Specifications guaranteed over the operating temperature range.

## Typical Performance Curves:

