

# Engineering Development Model

## Loss-less Impedance Matching Pad Coaxial

Z7550-EDU1644

### Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability.

At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.



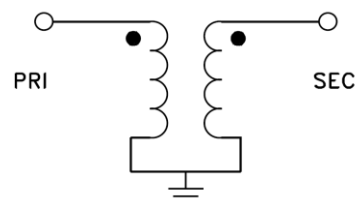
CASE STYLE : 99-01-795-5

### ELECTRICAL SPECIFICATIONS PRIMARY (50Ω) & SECONDARY (75Ω) @ +25°C

| Parameter                                  | Min. | Typ. | Max. | Units |
|--------------------------------------------|------|------|------|-------|
| Pass band Insertion loss<br>@ 10 MHz       | -    | -    | 1.0  | dB    |
| Pass band Insertion loss<br>@ 950-2300 MHz | -    | 1.2  | -    | dB    |
| Passband VSWR (50Ω)<br>@ 10 MHz            | -    | 1.80 | -    | (:1)  |
| Passband VSWR (50Ω)<br>@ 950-2300 MHz      | -    | 1.50 | -    | (:1)  |
| Passband VSWR (75Ω)<br>@ 10 MHz            | -    | 1.80 | -    | (:1)  |
| Passband VSWR (75Ω)<br>@ 950-2300 MHz      | -    | 1.50 | -    | (:1)  |

### Functional Schematic

| MAXIMUM RATINGS       |                |
|-----------------------|----------------|
| Operating Temperature | -55°C to 100°C |
| Storage Temperature   | -55°C to 100°C |
| RF Power Input        | 1 W            |
| Max DC Current        | 500mA          |
| Max DC Voltage        | 48V            |



### PIN CONNECTIONS

|        |                  |
|--------|------------------|
| Input  | SMA Female (50Ω) |
| Output | F Female (75Ω)   |



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IF/RF MICROWAVE COMPONENTS



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