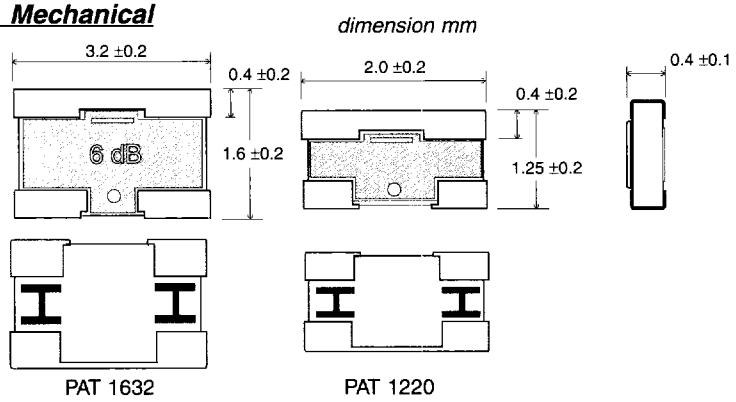
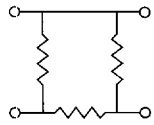
## PAT Series

### 1.0 Application

These 3042, 1632, and 1220 size chip attenuators exhibit excellent high frequency characteristics. The surface mount package is ideal for low noise, inductance and parasitic capacitance applications. Thin film metallization provides for very stable characteristics over temperature and time.

### 2.0 Mechanical




### 3.0 Electrical

| Type | PAT 3042 (not shown) | | PAT 1632 | PAT 1220 |
|---|---|---|---|---|
| Attenuation | 1-10dB, 16dB, 20dB | | 0-10dB, 16dB | 1-10dB |
| Attenuation tolerance | ± 0.3 dB, ± 0.5 @ 16 dB | | | |
| Impedance (code) | 50 ohm (C) | 75 ohm (D) | 50 ohm (C) | |
| VSWR | 1.2 | 1.3 | 1.3 | 1.3 |
| Frequency range | DC to 3 GHz | DC to 2 GHz | DC to 10 GHz | DC to 10 GHz |
| Power rating | 250 mW | | 125 mW | 100 mW |
| Rated operation temp. | 70°C | | | |
| Operating temp. range | - 55°C to +125°C | | | |

### 4.0 Part Number

**PAT 1632 C 3dB T**

- T — Packaging (T = tape B = bulk)
- 3dB — Attenuation (dB)
- C — Impedance
- 1632 — Package size
- PAT — Product designator

YDS

JQA-QM3580

Manufacturer(s) of the products described on this page are indicated by their respective logos.