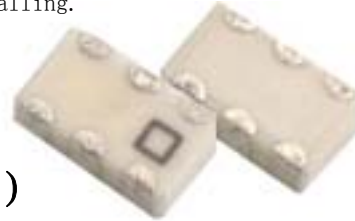


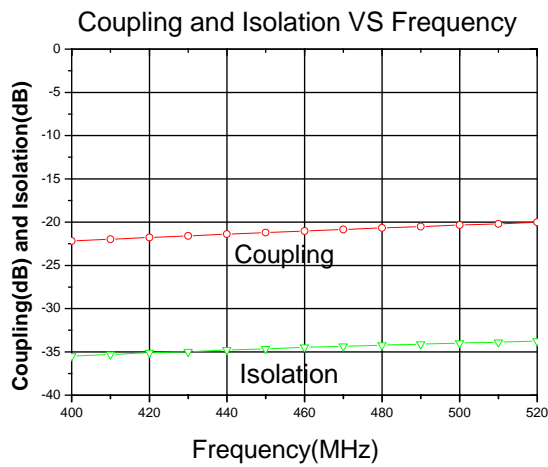
➤ Product description

0101 is coupler with percentage coupling 20dB. The percentage coupling is $20.5 \pm 2\text{dB}$ and percentage isolating is 35dB when it operate between 400/520MHz, reflection loss above 30dB. 0101 is suitable for wireless communication application in 400/520MHz, 0101 apply standard LTCC crafts, it has good heat stability, small size, high performance and convenient in installing.

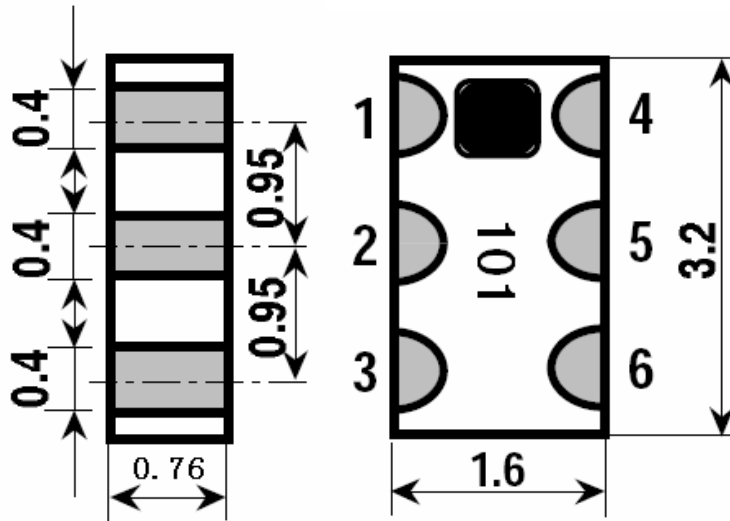


➤ Typical electronic feature (25°C)

| Frequency | Percentage Coupling | Insertion Loss | Percentage Isolating | Reflection Loss | Operating Power | Temperature Area |
|------------|-----------------------|----------------|----------------------|-----------------|-----------------|------------------|
| 400-470MHz | $20.5 \pm 2\text{dB}$ | 0.25 dB Max. | 35dB Typ. | 30 dB Min. | 5W Max | -30~+85°C |
| 450-520MHz | $20.0 \pm 2\text{dB}$ | 0.3dB Max. | | | | |



➤ Chip Size and Base Pin



| Base Pin | Function |
|----------|---------------|
| 1 | Input |
| 3 | Output |
| 4 | Coupling End |
| 6 | Isolating End |
| 2、5 | Grounding End |