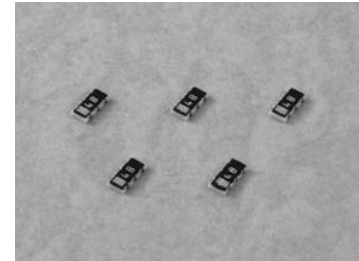


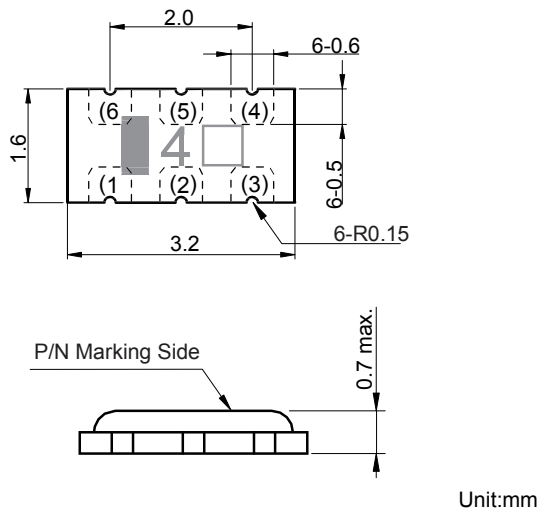
EIA Size 1206 Chip Directional Couplers

Features

- 1: Ideal applications in mobile phones, and smallest chips available.
- 2: Excellent performance offers the cost efficiency.
- 3: Coupling and insertion loss are provided according to a customers specification.
- 4: Custom Designs Available

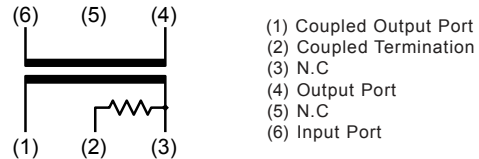


Dimensions

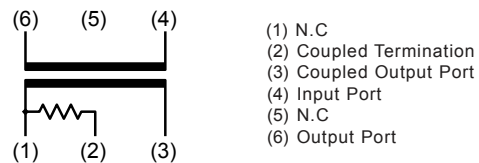


Schematics

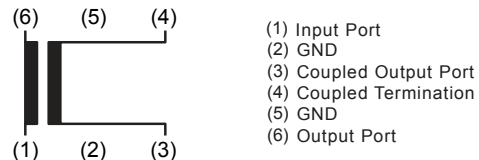
DCS314A / DCS314C / DCS314E / DCS314J



DCS314B / DCS314D / DCS314F



DCS3143



Specifications

EIA size 1206 (3.2x1.6 mm)

Style No.	Frequency Range [MHz]	Insertion Loss [dB]	Coupling [dB]	Directivity (Isolation) [dB]	VSWR (max.)	RF Impedance [Ω]	Max. Input Power [W]	Note
DCS314A-0900-G DCS314B-0900-G	800~1000	0.3 max.	21.0±2	13 min. (32 min.)	1.2	50	3.0 max.	
DCS314C-0900-G DCS314D-0900-G	800~1000	0.3 max.	17.0±2	13 min. (28 min.)	1.2	50	5.0 max.	
DCS314E-0900-G DCS314F-0900-G	800~1000	0.3 max.	14.0±2	10 min. (22 min.)	1.2	50	5.0 max.	
DCS314A-1500-G DCS314B-1500-G	1400~1600	0.3 max.	16.7±2	9 min. (24 min.)	1.2	50	3.0 max.	
DCS314C-1500-G DCS314D-1500-G	1400~1600	0.4 max.	12.5±2	10 min. (20 min.)	1.2	50	5.0 max.	
DCS314A-1900-G DCS314B-1900-G	1800~2000	0.3 max.	14.5±2	8 min. (21 min.)	1.2	50	3.0 max.	
DCS314C-1900-G DCS314D-1900-G	1800~2000	0.7 max.	10.5±2	8 min. (17 min.)	1.2	50	5.0 max.	
DCS314A-2150-G	2100~2200	0.4 max.	13.0±1	8 min. (20 min.)	1.5	50	3.0 max.	Correspondence W-CDMA
DCS314J-2150-G	2100~2200	0.3 max.	17.5±1	8 min. (25 min.)	1.5	50	3.0 max.	Correspondence W-CDMA
DCS3143-5800-G	5700~5900	0.3 max.	20.0±1	15 min. (35 min.)	1.2	50	5.0 max.	Correspondence ETC

Operating Temperature Range : -30~+85 C