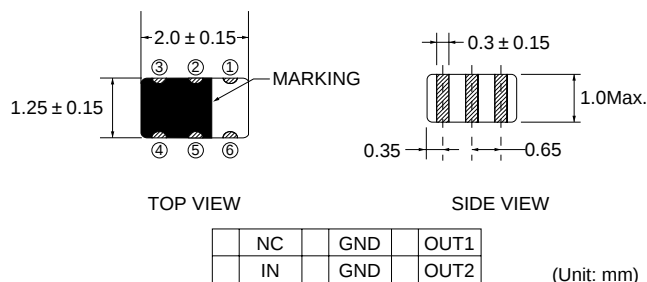
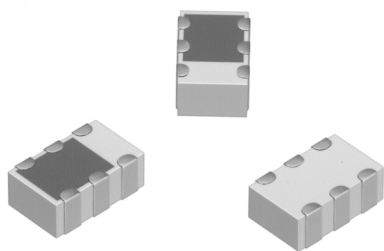


TYPE CHM2012U-F Series



- Marking of polarity : marking is on the upper surface of the unit.
- 方向表示 : 端子番号の方向を示します。この表示が常に上を向くようにテーピングされています。

Features

- Ultra compact and low-profile type: 2.0×1.25×1.0mm
- Application of DC bias can be done.
- Monolithic structure yields high reliability.
(operating temperature range: -55 to +125)
- Mounting area is small due to dual-in-line
- Lead-free electrodes: lead-free terminals permit reflow and flow soldering

Applications

- W-CDMA • DCS/PCS • AMPS • GSM

特 長

- 超小型・低背位タイプ : 2.0 × 1.25 × 1.0mm
- DCバイアス印加可能
- モノリシック構造により、高い信頼性を実現
(使用温度範囲 : - 55 ~ + 125)
- デュアルインラインにより実装面積小さい
- 鉛フリー電極
リフロ、フローはんだ付け

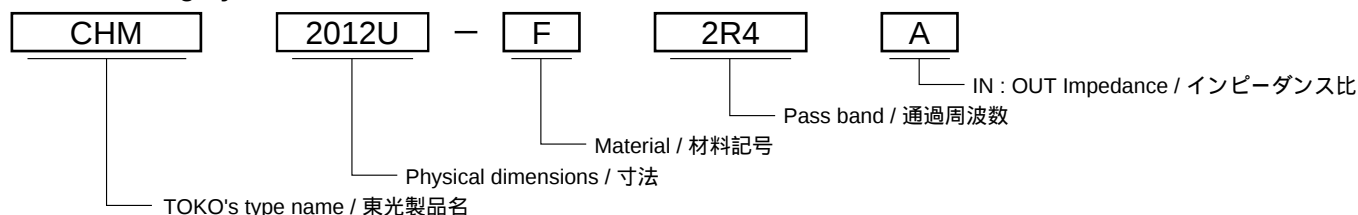
用 途

- W-CDMA • DCS/PCS • AMPS • GSM

Electrical Characteristics 電気的特性

TOKO Part Numbers	Pass Bandwidth [MHz]	IN : OUT Impedance	Insertion Loss (Max.)	Return Loss (Min.)	Phase
CHM2012U-FR80A	824-849	50 Ω : 50 Ω	1.8 dB	9 dB	180 ± 10 deg.
CHM2012U-FR80C	824-849	50 Ω : 200 Ω	1.8 dB	9 dB	180 ± 10 deg.
CHM2012U-FR90A	880-960	50 Ω : 50 Ω	1.8 dB	9 dB	180 ± 10 deg.
CHM2012U-FR90C	880-960	50 Ω : 200 Ω	1.8 dB	9 dB	180 ± 10 deg.
CHM2012U-F1R8A	1710-1920	50 Ω : 50 Ω	1.2 dB	9 dB	180 ± 10 deg.
CHM2012U-F1R8B	1710-1920	50 Ω : 100 Ω	1.2 dB	9 dB	180 ± 10 deg.
CHM2012U-F1R8C	1710-1920	50 Ω : 200 Ω	1.2 dB	9 dB	180 ± 10 deg.
CHM2012U-F2R0A	1920-2170	50 Ω : 50 Ω	1.2 dB	9 dB	180 ± 10 deg.
CHM2012U-F2R0B	1920-2170	50 Ω : 100 Ω	1.2 dB	9 dB	180 ± 10 deg.
CHM2012U-F2R0C	1920-2170	50 Ω : 200 Ω	1.2 dB	9 dB	180 ± 10 deg.

Part Numbering System 品番構成



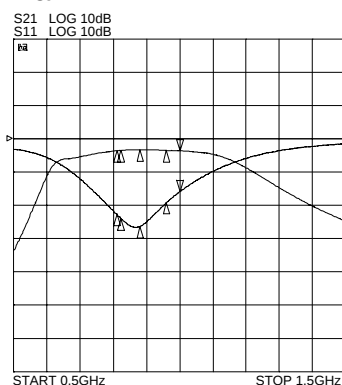
Pass band Unit is MHz and 3 digits are used.
The value is indicated as shown below.
3文字で示される。単位はMHz
Example / 例 : 2R4...2400MHz、R80...800MHz

IN : OUT Impedance → A: 50 Ω : 50 Ω
B: 50 Ω : 100 Ω
C: 50 Ω : 200 Ω

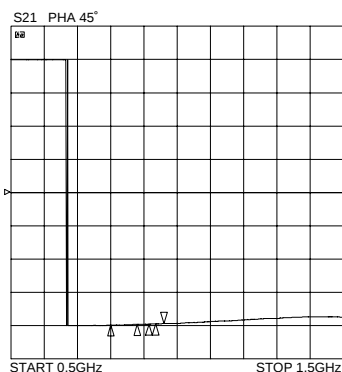
■Typical Characteristics 特性例

CHM2012U-FR80A

ATT&RL

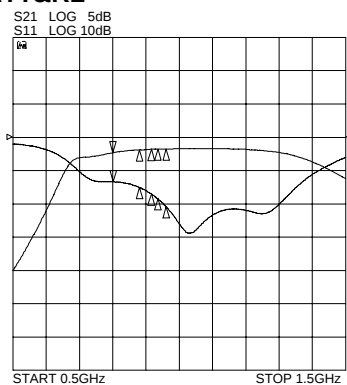


PHASE

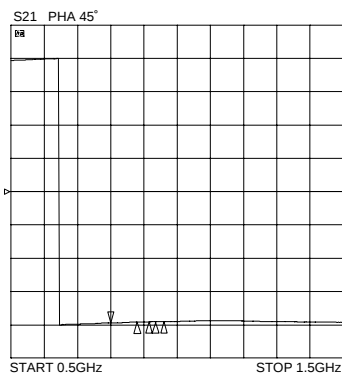


CHM2012U-FR80C

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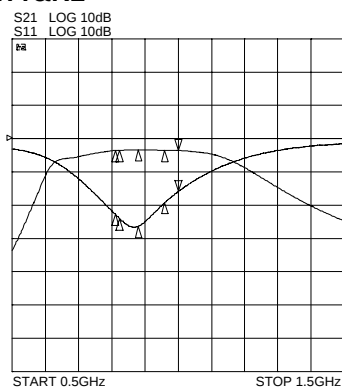


PHASE

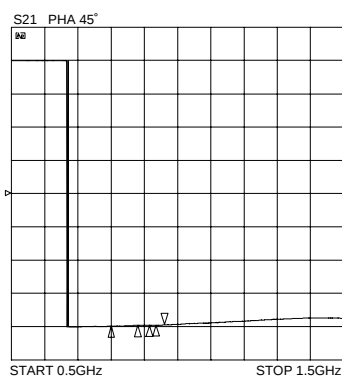


CHM2012U-FR90A

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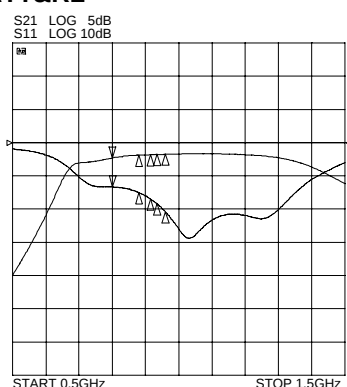


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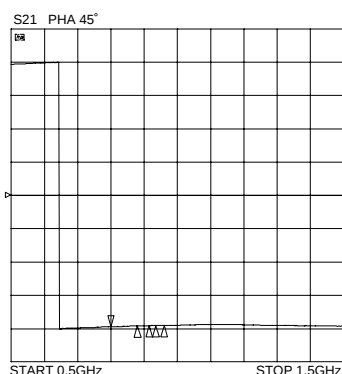


CHM2012U-FR90C

ATT&RL

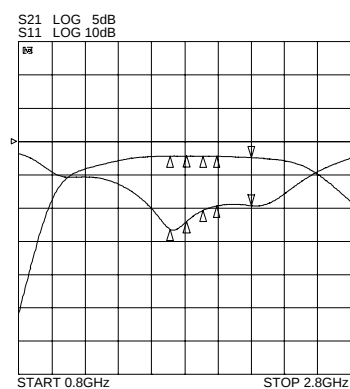


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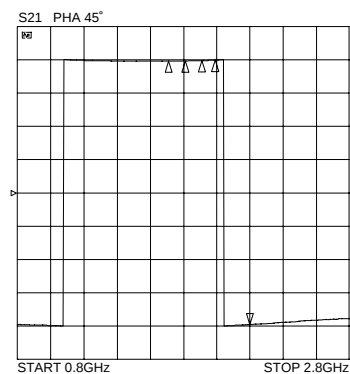


■Typical Characteristics 特性例

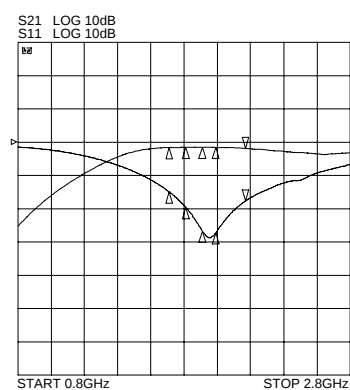
CHM2012U-F1R8A ATT&RL



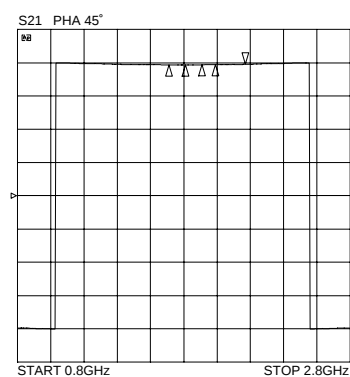
PHASE



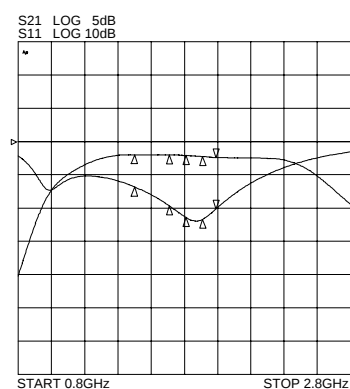
CHM2012U-F1R8B ATT&RL



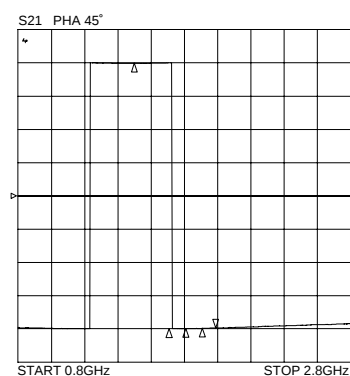
PHASE



CHM2012U-F1R8C ATT&RL

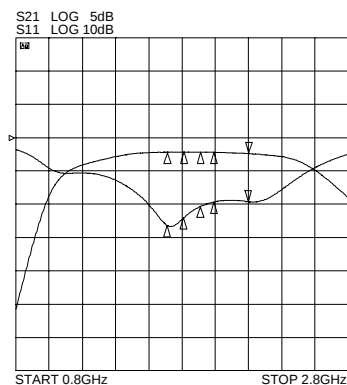


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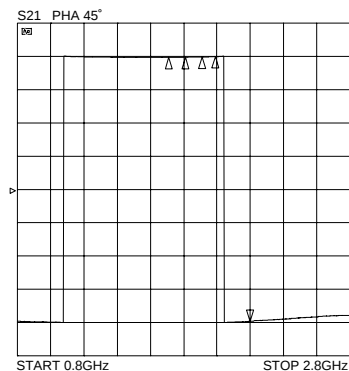


■Typical Characteristics 特性例

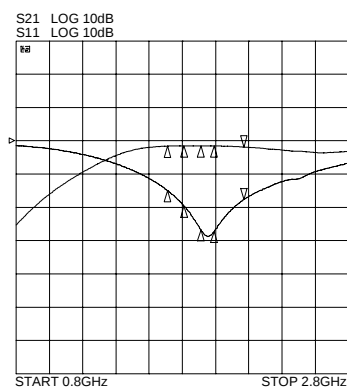
CHM2012U-F2R0A ATT&RL



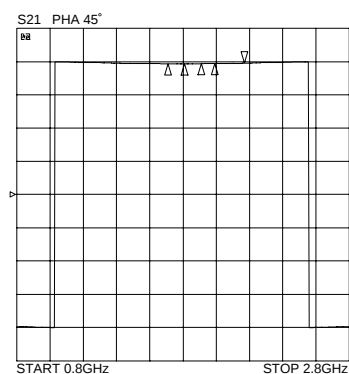
PHASE



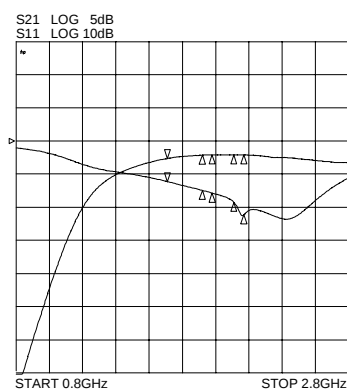
CHM2012U-F2R0B ATT&RL



PHASE



CHM2012U-F2R0C ATT&RL



PHASE

