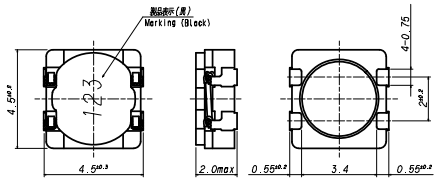
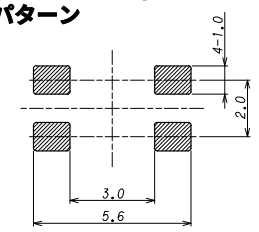
DCM42 Type



(Unit: mm)

Recommended patterns
推奨パターン



(Unit: mm)

Features

- SMD type current use common mode choke for DC Line.
- DC current available to 1.5A.
- Due to the tight coupling (closed magnetic circuit structure).
  The DCM42 offers high impedance characteristics against common mode noise while achiving low impedance in the normal mode.
- RoHS compliant

特　長

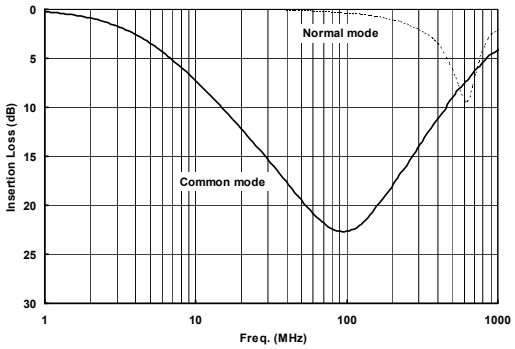
- 面実装、電源回路用、大電流対応コモンモードチョーク
- 直流電流1.5A迄対応
- 閉磁路による高結合のため、コモンモードノイズに対しては高いインピーダンス特性を持ち、ノーマルモードに対しては低インピーダンス化を実現
- RoHS 指令対応

Electrical Characteristics 電気的特性Electrical Characteristics 電気的特性

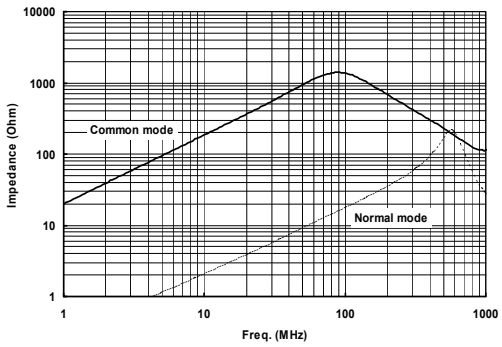
東光品番	直流電流	コモンモードインピーダンス	挿入損失	直流抵抗/ライン
TOKO Part Number	DC Current (A) Max.	Common Mode Impedance ‘at 100MHz	Insertion Loss ‘at 100MHz	DC Resistance / Line
		(Ω) Typ.	(dB) Min.	(mΩ) Max.
1154AS-1001	1.5	1300	17	0.05

Typical Characteristics 代表特性例

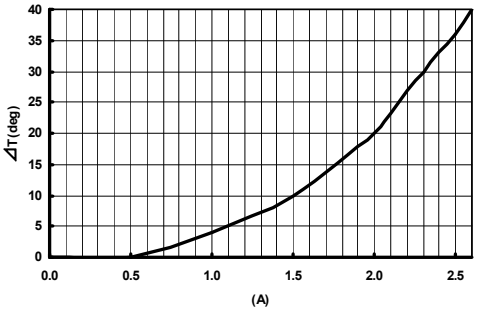
Insertion Loss Characteristics of 1154AS-1001



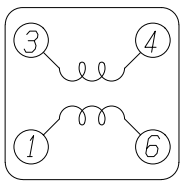
Impedance Characteristics of 1154AS-1001



Current Rising Temperature



Pin Connections 接続図



(The sample passing direct-current current says the current value which amounts to 30℃)