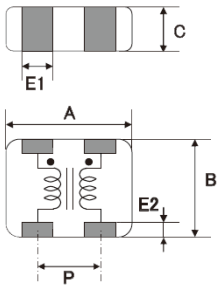
Spec Sheet

Multilayer Common Mode Choke Coils

MCF12102H500-T



Features

- Item Summary

  50Ω, 0.16 A, >8.5 GHz, 1.0x1.25x0.65mm

- Lifecycle Stage

  Mass Production

- Standard packaging quantity (minimum)

  Taping 5000pcs

Products characteristics table

No. of Lines	2
Common Mode Impedance	50 Ω ± 25 % at 100MHz
Case Size (EIA/JIS)	SMD/1210
Cutoff Frequency (typ)	>8.5 GHz
DC Resistance (max)	1.5 Ω
Rated Current (max)	0.16 A
Rated Voltage (max)	5 V
Operating Temp. Range	-40 to +85 ℃
Insulation Resistance (min)	100 MΩ
RoHS2 Compliance (10 subst.)	Yes
REACH Compliance (168 subst.)	Yes
Soldering	Reflow

External Dimensions

Dimension A	1.0 ±0.15 mm
Dimension B	1.25 ±0.15 mm
Dimension C	0.55 ±0.1 mm
Dimension E1	0.3 ±0.1 mm
Dimension E2	0.2 ±0.1 mm
Dimension P	0.55 ±0.10 mm

2016.11.21

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the Date at any time without notice.
Before making final selection, please check product specification.