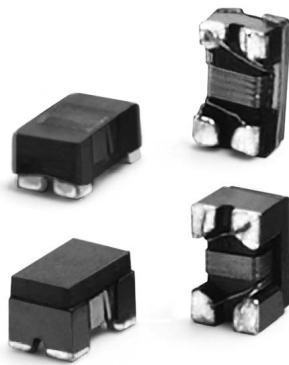


PulseChip™ 2-Line Signal Chokes

SMD 0805/1206 size CCMC Series

YAGEO GROUP
PULSE



- Available in 0805 (2012) and 1206 (3216) size
- For USB2.0, 3.0 and other high speed differential signal lines (IEEE1394, LVDS)
- Suppression of common mode noise without attenuating the signal
- Large range of common mode impedance to fit with signal and noise level
- Magnetic shield versions available for lower Rdc and higher current features

Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C

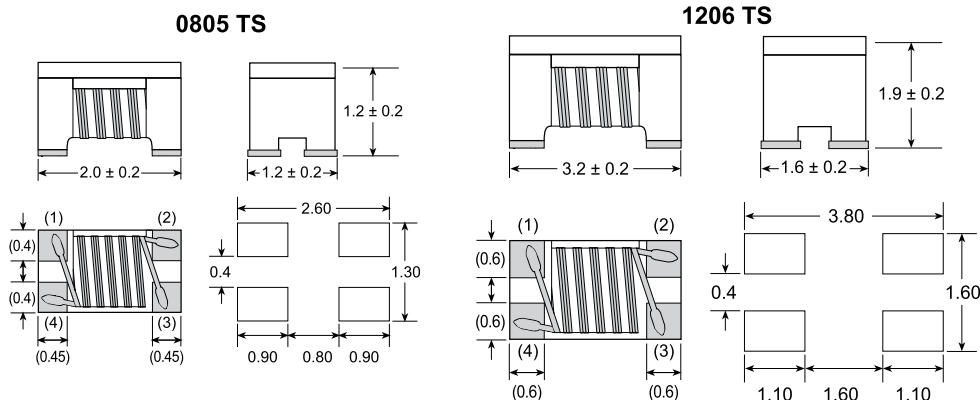
Part Number (25%)	Common Mode Impedance @ 100MHz (Ω)	DC Resistance (Ω MAX)	Rated Voltage (Vdc)	Rated Current (mA MAX)	Withstanding Voltage (Vdc)	Insulation Resistance (MΩ MIN)
0805CCMCXTS - Magnetic Shield - 0805 Size						
PE-0805CCMC900STS	90	0.35	50	330	125	10
PE-0805CCMC121STS	120	0.30	50	370	125	10
PE-0805CCMC181STS	180	0.35	50	330	125	10
PE-0805CCMC261STS	260	0.40	50	300	125	10
PE-0805CCMC361STS	360	0.45	50	280	125	10
1206CCMCXTS - Magnetic Shield - 1206 Size						
PE-1206CCMC900STS	90	0.3	50	370	125	10
PE-1206CCMC601STS	600	0.80	50	260	125	10
PE-1206CCMC102STS	1000	1.00	50	230	125	10
PE-1206CCMC222STS	2200	1.20	50	200	125	10

Notes:

1. These part numbers are lead free and RoHS compliant. No additional suffix or identifier is required.

Mechanicals

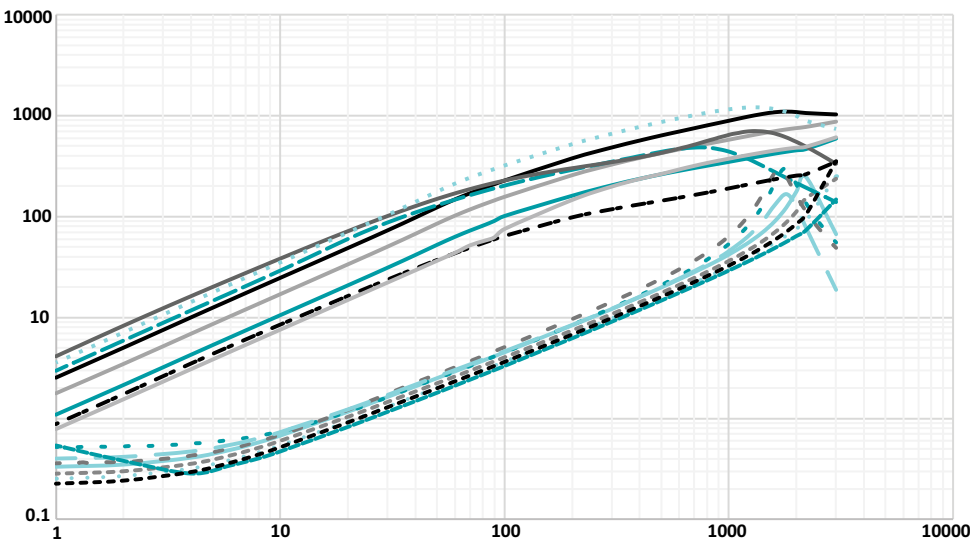
0805 TS, 1206 TS



Unit of Measurement: mm

Impedance vs Frequency

PE-0805CCMCXXXSTS



Common Mode

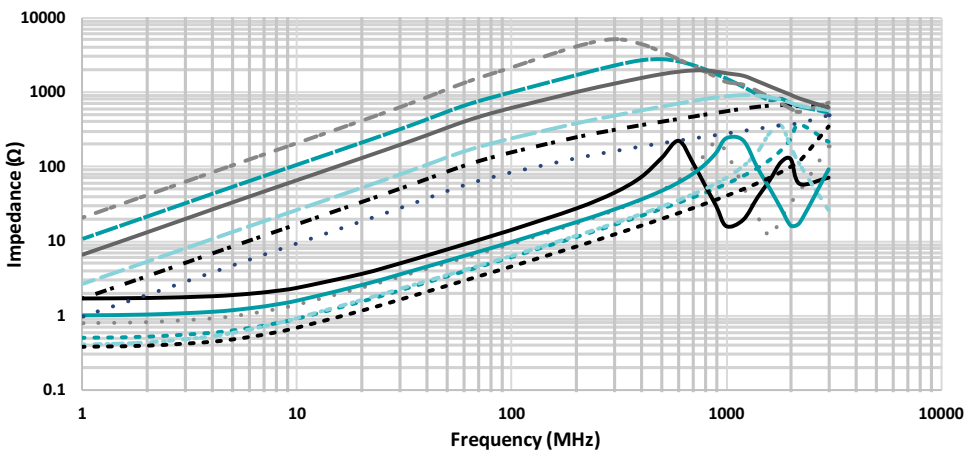
ITEM	Part Number
—	PE-0805CCM900STS
—	PE-0805CCM121STS
—	PE-0805CCM181STS
—	PE-0805CCM261STS
...	PE-0805CCM361STS

Differential Mode

ITEM	Part Number
---	PE-0805CCM900STS
...	PE-0805CCM121STS
---	PE-0805CCM181STS
—	PE-0805CCM261STS
—	PE-0805CCM361STS

Impedance vs Frequency

PE-1206CCMCXXXSTS



Common Mode

ITEM	Part Number
...	PE-1206CCM900STS
—	PE-1206CCM601STS
---	PE-1206CCM102STS
---	PE-1206CCM222STS

Differential Mode

ITEM	Part Number
---	PE-1206CCM900STS
—	PE-1206CCM601STS
...	PE-1206CCM102STS
—	PE-1206CCM222STS

PulseChip™ 2-Line Signal Chokes

SMD 0805/1206 size CCMC Series

Part Number Legend

Schematics

0805 TS, 1206 TS

PE - 0805 CCMC 670 S T S

PACKAGE SIZE
(0805 or 1206)

**COMMON MODE
CHOKES**

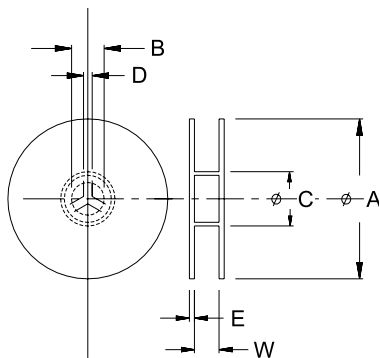
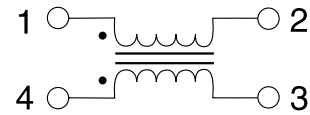
IMPEDANCE (Ω)
Representative of
the impedance value

TOLERANCE
S = 25%(standard)

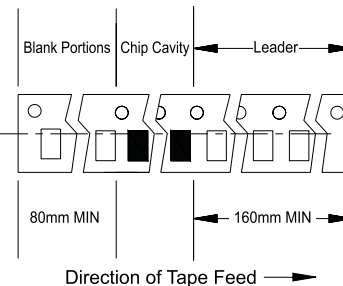
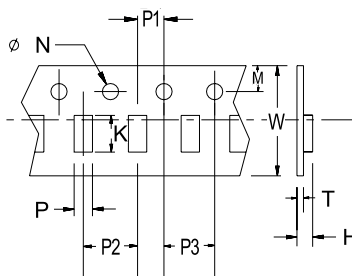
PACKAGING
T = Tape & Reel (7" reel)

SIZE QTY/REEL
0805 2000 pieces
1206 2000 pieces

COATING
S = Magnetic Shield



Tape and Reel Specifications



Packaging Specifications

0805 TS / 1206 TS

Series	Parts per Reel	Reel Dimensions (mm)					Tape Dimensions (mm)									
		A	B	C	D	E	W	P1	P2	P3	H	T	K	M	N	P
0805 TS	2000	178	21	75	2.0	2.5	8.0	2.0	4.0	4.0	1.30	0.3	2.25	1.75	1.5	1.42
1206 TS	2000	178	21	75	2.0	2.5	8.0	2.0	4.0	4.0	2.10	0.2	3.50	1.75	1.5	1.90

For More Information:

Americas - prodinfo_network_americas@yageo.com | Europe - prodinfo_network_emea@yageo.com | Asia - prodinfo_network_apac@yageo.com

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