

SMD transformer for vehicle and BMS transformer



FEATURES

- Qualification: PER AEC-Q200
- Operating Temperature Range: -40~+125C °
- Storage Temperature Range: -50~+125C °
- Creepage Distance: >5mm
- Hi-Pot: 4300 VDC 1 mA, 60 sec

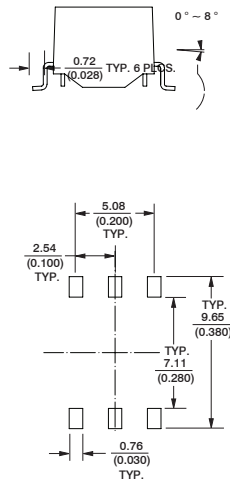
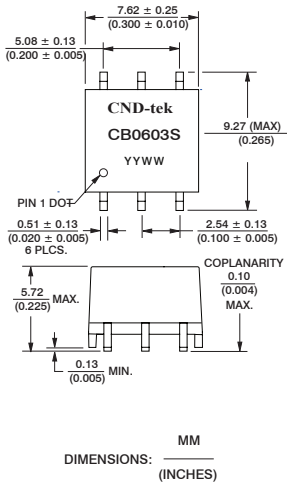
Series/Type: **CB0603S**

ELECTRICAL SPECIFICATIONS @25°C

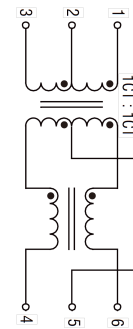
OCL	DCR (Ω)	Turns Ratio	Insertion Loss (4MHZ)	Return Loss (Z out = 100 ohms) (4MHZ)	CMRR 1-10 MHz 10-1000MHz	Working Voltage
150uH(min) 370uH(max)	0.35Ω max(Transformer Side) 0.80 Ω max(CM Choke Side)	1CT :1CT±2%	-0.30dB Max	-20dB Min	-35dB Min -20dB Min	1000 Vdc

*Testing Conditions:100KHz 0.1V

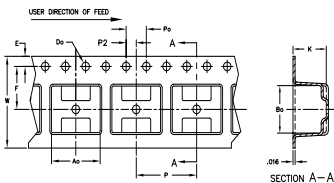
DIMENSIONS & MARKING



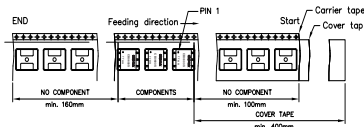
SCHEMATICS



Packaging Specifications



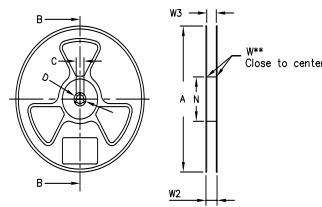
ITEM	W	P	A ₁	D _s	K	T	C	E	F	P ₂
[DIM]	16	12	9.65	6.6	0.40	1.5	1.75	7.5	4.0	



ALL DIMENSIONS ARE IN MILLIMETERS WITH THE FOLLOW TOLERANCES: ±0.10

PACKING SPECIFICATION:
REEL SIZE: 330mm
TAPE WIDTH: 16mm
TAPE PITCH: 12mm

COMPONENTS PER REEL: 600 pcs



ING	A	B	C	D	N	W1	W2	W3	W3
Tolerance	min.	±0.8	min.	min.	+2.0	min.	min.	max.	max.
Tape width/mm	330.00	1.50	13.00	20.20	100.00	16.4	16.4	16.4	18.30

