

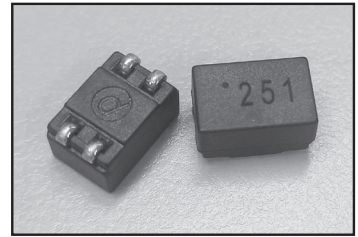
NCMH Series

Surface Mount Common Mode Chokes



FEATURES

- HIGH COMMON MODE IMPEDANCE AT HIGH FREQUENCY
- LOW PROFILE SURFACE MOUNT PACKAGE
- SUITABLE FOR POWER SUPPLY APPLICATIONS
- SHIELDED PROVIDING EXCELLENT NOISE SUPPRESSION
- Pb-FREE CONSTRUCTION
- REFLOW SOLDERING APPLICABLE



CHARACTERISTICS

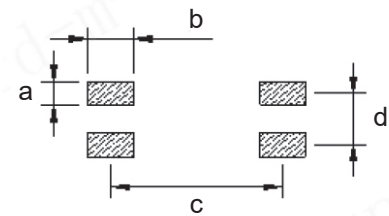
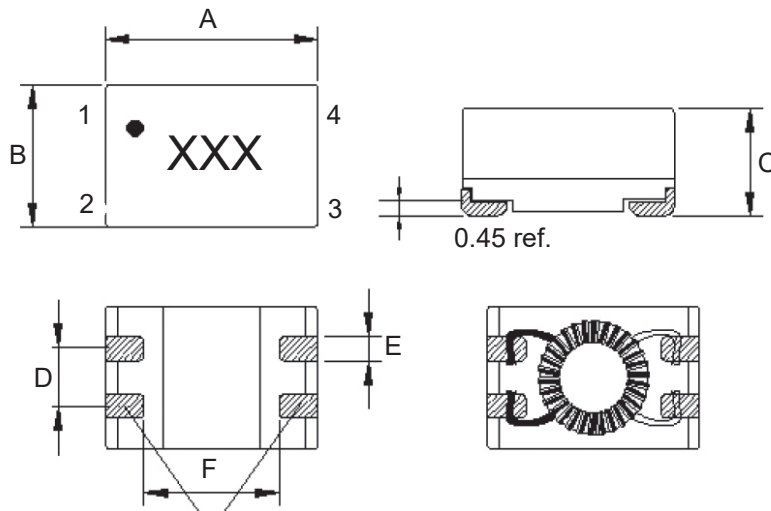
Case Size	9260
Impedance Range	250 ~ 20,000 Ohms
Temperature Range	-40°C ~ +125°C (including self-heating)
Voltage Rating	80Vac Max.
Insulation Resistance	10MΩ Min.
Resistance to Solder Heat	260°C max. for 5 seconds

COMPONENT DIMENSIONS (mm)

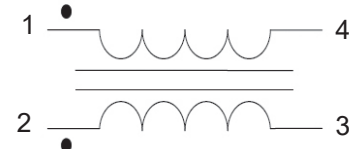
Type	A±0.3	B±0.3	C±0.3	D±0.3	E ref.	F ref.
NCMH9260	9.2	6.0	5.0	2.54	1.00	5.70

LAND PATTERN DIMENSIONS (mm)

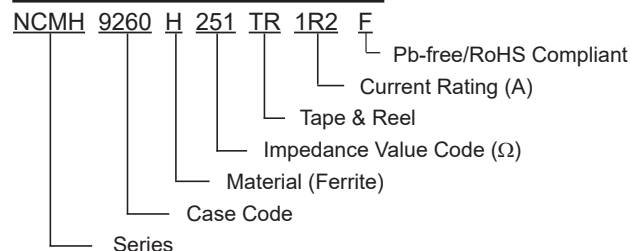
Case Size	a	b	c	d
NCMH9260	1.20	2.00	7.50	2.54



CIRCUIT SCHEMATIC



PART NUMBER SYSTEM



NCMH Series

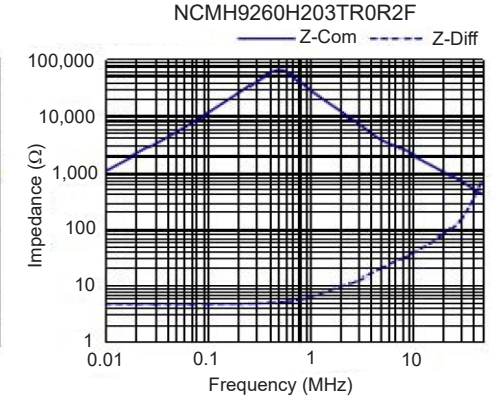
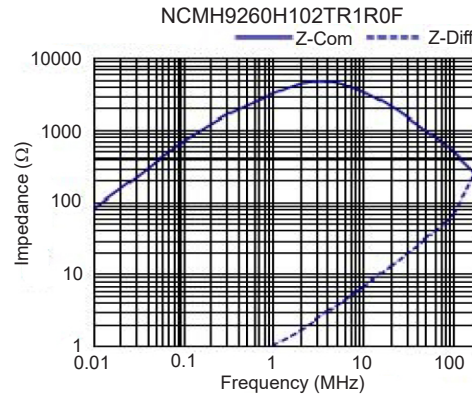
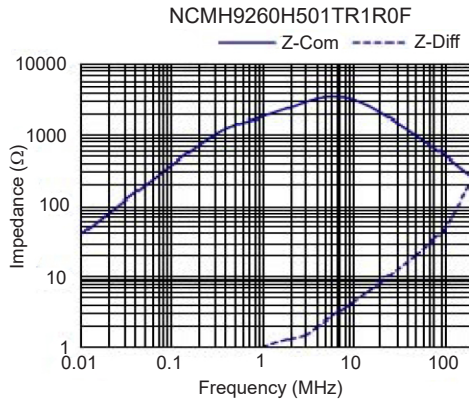
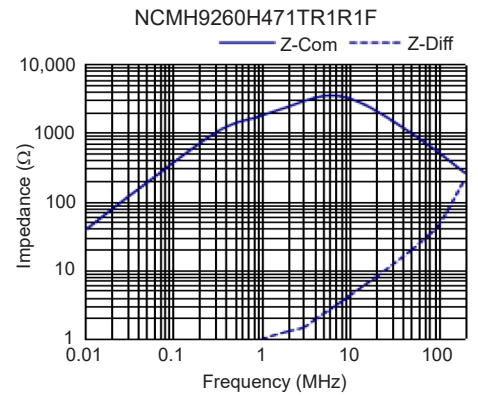
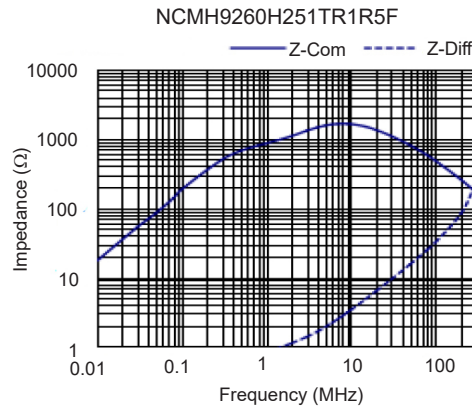
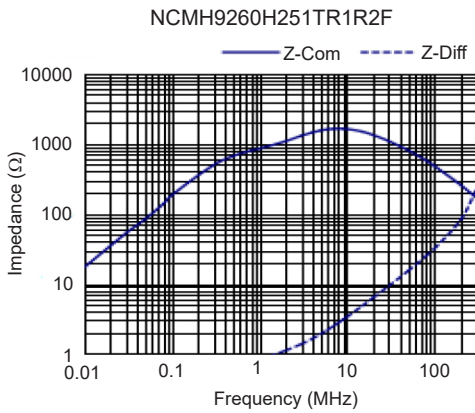
Surface Mount Common Mode Chokes



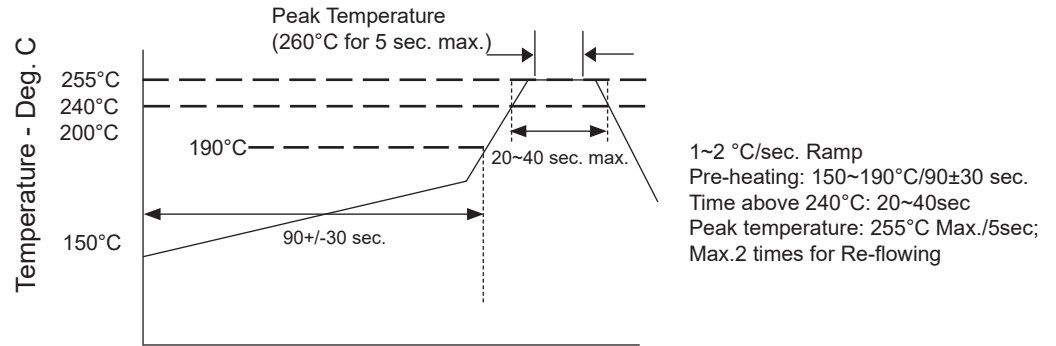
9260 CASE SIZE SPECIFICATIONS

NIC Part Number	Inductance μH	Impedance (Ω) Typ. max.	Test Frequency	DCR (Ω max.)	DC Current (mA max.) Δ max. +40°C	Leakage Inductance (nH) Typ. 1MHz, 1mA	High Pot (1-4) - (2-3) 1mA/2S (VDC)	Voltage Rating (Vac)
NCMH9260H251TR1R2F	250 \pm 50%	1,800	100Hz	0.13	1200	60	500	80
NCMH9260H251TR1R5F	250 \pm 50%	1,800	100Hz	0.13	1500	60		
NCMH9260H471TR1R1F	470 \pm 50%	3,300	100KHz	0.14	1100	75		
NCMH9260H501TR1R0F	500 \pm 50%	3,300	100KHz	0.15	1000	75		
NCMH9260H102TR1R0F	1,000 \pm 50%	6,000	100KHz	0.31	800	90		
NCMH9260H203TR0R2F	20,000 \pm 50%	50,000	10KHz	2.60	200	490		

PERFORMANCE CURVES

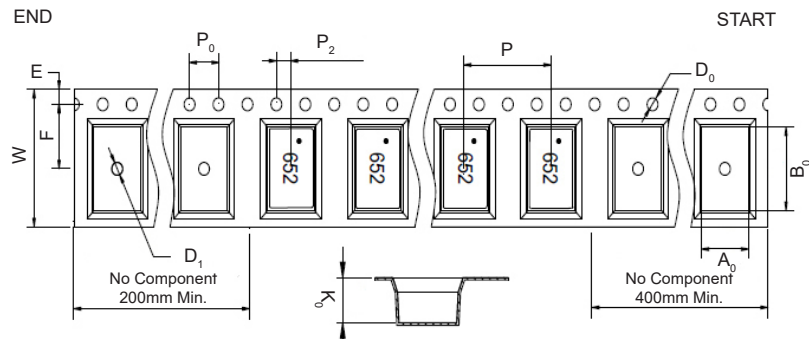


RECOMMENDED REFLOW SOLDERING PROFILE



TAPING DIMENSIONS (mm) AND REEL QUANTITY

Series	A ₀	B ₀	K ₀	E	F	P	P ₀	P ₂	D ₀	D ₁	W	Reel Quantity
NCMH9260	6.3	9.6	5.3	1.75	7.5	12	4.0	2.0	1.5	1.5	16	1,000



REEL DIMENSION (mm)

Series	A	B	C	D	E
NCMH9260	φ330±1.0	φ100±3.0	φ13.6±1.5	16.5 -0/+0.3	2.3±0.3

REEL DIMENSIONS (mm)

