

Part Number	Status	Resistance (25°C)	Resistance Value Tolerance (at 25°C)	B-Constant (25/50°C)	B-Constant (25/50°C) Tolerance	B-Constant (25/85°C) (Reference Value)	Maximum Operating Current (25°C)	Size Code mm(inch)	Specific Applications
NCU18XH103E60RB	In Production/Recommended	10kΩ	±3%	3380K	±1%	3434K	0.1mA	1608(0603)	Consumer equipment,Industrial Equipment,Medical equipment [GHTF A/B]
NCU18XH103E65RB	In Production/Recommended	10kΩ	±3%	3380K	±1%	3434K	0.1mA	1608(0603)	Automotive powertrain/safety equipment
NCU18XH103F60RB	In Production/Recommended	10kΩ	±1%	3380K	±1%	3434K	0.1mA	1608(0603)	Consumer equipment,Industrial Equipment,Medical equipment [GHTF A/B]
NCU18XH103F65RB	In Production/Recommended	10kΩ	±1%	3380K	±1%	3434K	0.1mA	1608(0603)	Automotive powertrain/safety equipment
NCU18XH103I60RB	In Production/Recommended	10kΩ	±5%	3380K	±1%	3434K	0.1mA	1608(0603)	Consumer equipment,Industrial Equipment,Medical equipment [GHTF A/B]
NCU18XH103I65RB	In Production/Recommended	10kΩ	±5%	3380K	±1%	3434K	0.1mA	1608(0603)	Automotive powertrain/safety equipment
NCP15WB333E03RC	NRND	33kΩ	±3%	4050K	±3%	4108K	0.055mA	1005(0402)	Consumer equipment
NCP15WB333F03RC	NRND	33kΩ	±1%	4050K	±1%	4108K	0.055mA	1005(0402)	Consumer equipment
NCP15WB333J03RC	NRND	33kΩ	±5%	4050K	±3%	4108K	0.055mA	1005(0402)	Consumer equipment
NCP15WB473D03RC	NRND	47kΩ	±0.5%	4050K	±0.5%	4108K	0.046mA	1005(0402)	Consumer equipment
NCP15WB473E03RC	NRND	47kΩ	±3%	4050K	±1%	4108K	0.046mA	1005(0402)	Consumer equipment
NCP15WB473F03RC	NRND	47kΩ	±1%	4050K	±1%	4108K	0.046mA	1005(0402)	Consumer equipment
NCP15WB473J03RC	NRND	47kΩ	±5%	4050K	±1%	4108K	0.046mA	1005(0402)	Consumer equipment
NCP15WD683E03RC	NRND	68kΩ	±3%	4150K	±3%	4209K	0.038mA	1005(0402)	Consumer equipment
NCP15WD683J03RC	NRND	68kΩ	±5%	4150K	±3%	4209K	0.038mA	1005(0402)	Consumer equipment
NCP15WF104D03RC	NRND	100kΩ	±0.5%	4250K	±0.5%	4311K	0.031mA	1005(0402)	Consumer equipment
NCP15WF104E03RC	NRND	100kΩ	±3%	4250K	±1%	4311K	0.031mA	1005(0402)	Consumer equipment
NCP15WF104F03RC	NRND	100kΩ	±1%	4250K	±1%	4311K	0.031mA	1005(0402)	Consumer equipment
NCP15WF104J03RC	NRND	100kΩ	±5%	4250K	±1%	4311K	0.031mA	1005(0402)	Consumer equipment
NCP15WL104E03RC	NRND	100kΩ	±3%	4485K	±1%	4543K	0.031mA	1005(0402)	Consumer equipment
NCP15WL104J03RC	NRND	100kΩ	±5%	4485K	±1%	4543K	0.031mA	1005(0402)	Consumer equipment
NCP15WL154E03RC	NRND	150kΩ	±3%	4485K	±1%	4543K	0.025mA	1005(0402)	Consumer equipment
NCP15WL154J03RC	NRND	150kΩ	±5%	4485K	±1%	4543K	0.025mA	1005(0402)	Consumer equipment
NCP15WL223E03RC	NRND	22kΩ	±3%	4485K	±1%	4543K	0.067mA	1005(0402)	Consumer equipment
NCP15WL223J03RC	NRND	22kΩ	±5%	4485K	±1%	4543K	0.067mA	1005(0402)	Consumer equipment
NCP15WL333E03RC	NRND	33kΩ	±3%	4485K	±1%	4543K	0.055mA	1005(0402)	Consumer equipment
NCP15WL333J03RC	NRND	33kΩ	±5%	4485K	±1%	4543K	0.055mA	1005(0402)	Consumer equipment
NCP15WL473E03RC	NRND	47kΩ	±3%	4485K	±1%	4543K	0.046mA	1005(0402)	Consumer equipment
NCP15WL473J03RC	NRND	47kΩ	±5%	4485K	±1%	4543K	0.046mA	1005(0402)	Consumer equipment
NCP15WL683E03RC	NRND	68kΩ	±3%	4485K	±1%	4543K	0.038mA	1005(0402)	Consumer equipment
NCP15WL683J03RC	NRND	68kΩ	±5%	4485K	±1%	4543K	0.038mA	1005(0402)	Consumer equipment
NCP15WM154E03RC	NRND	150kΩ	±3%	4500K	±3%	4582K	0.026mA	1005(0402)	Consumer equipment
NCP15WM154J03RC	NRND	150kΩ	±5%	4500K	±3%	4582K	0.026mA	1005(0402)	Consumer equipment
NCP15WM224E03RC	NRND	220kΩ	±3%	4500K	±3%	4582K	0.021mA	1005(0402)	Consumer equipment
NCP15WM224J03RC	NRND	220kΩ	±5%	4500K	±3%	4582K	0.021mA	1005(0402)	Consumer equipment
NCP15WM474E03RC	NRND	470kΩ	±3%	4500K	±3%	4582K	0.015mA	1005(0402)	Consumer equipment
NCP15WM474J03RC	NRND	470kΩ	±5%	4500K	±3%	4582K	0.015mA	1005(0402)	Consumer equipment
NCP15XH103D03RC	NRND	10kΩ	±0.5%	3380K	±0.7%	3434K	0.1mA	1005(0402)	Consumer equipment
NCP15XH103E03RC	NRND	10kΩ	±3%	3380K	±1%	3434K	0.1mA	1005(0402)	Consumer equipment
NCP15XH103F03RC	NRND	10kΩ	±1%	3380K	±1%	3434K	0.1mA	1005(0402)	Consumer equipment
NCP15XH103J03RC	NRND	10kΩ	±5%	3380K	±1%	3434K	0.1mA	1005(0402)	Consumer equipment
NCP15XM221E03RC	NRND	220Ω	±3%	3500K	±3%	3545K	0.674mA	1005(0402)	Consumer equipment
NCP15XM221J03RC	NRND	220Ω	±5%	3500K	±3%	3545K	0.674mA	1005(0402)	Consumer equipment
NCP15XM331E03RC	NRND	330Ω	±3%	3500K	±3%	3545K	0.55mA	1005(0402)	Consumer equipment
NCP15XM331J03RC	NRND	330Ω	±5%	3500K	±3%	3545K	0.55mA	1005(0402)	Consumer equipment
NCP15XM472E03RC	NRND	47kΩ	±3%	3500K	±2%	3545K	0.145mA	1005(0402)	Consumer equipment
NCP15XM472J03RC	NRND	47kΩ	±5%	3500K	±2%	3545K	0.145mA	1005(0402)	Consumer equipment
NCP15XQ102E03RC	NRND	1kΩ	±3%	3650K	±2%	3693K	0.316mA	1005(0402)	Consumer equipment
NCP15XQ102J03RC	NRND	1kΩ	±5%	3650K	±2%	3693K	0.316mA	1005(0402)	Consumer equipment
NCP15XQ471E03RC	NRND	470Ω	±3%	3650K	±2%	3693K	0.609mA	1005(0402)	Consumer equipment
NCP15XQ471J03RC	NRND	470Ω	±5%	3650K	±2%	3693K	0.609mA	1005(0402)	Consumer equipment
NCP15XQ681E03RC	NRND	680Ω	±3%	3650K	±3%	3693K	0.383mA	1005(0402)	Consumer equipment
NCP15XQ681J03RC	NRND	680Ω	±5%	3650K	±3%	3693K	0.383mA	1005(0402)	Consumer equipment
NCP15XV103E03RC	NRND	10kΩ	±3%	3900K	±3%	3934K	0.1mA	1005(0402)	Consumer equipment
NCP15XV103J03RC	NRND	10kΩ	±5%	3900K	±3%	3934K	0.1mA	1005(0402)	Consumer equipment
NCP15XV152E03RC	NRND	1.5kΩ	±3%	3950K	±3%	3987K	0.258mA	1005(0402)	Consumer equipment
NCP15XV152J03RC	NRND	1.5kΩ	±5%	3950K	±3%	3987K	0.258mA	1005(0402)	Consumer equipment
NCP15XV153E03RC	NRND	15kΩ	±3%	3950K	±3%	3987K	0.082mA	1005(0402)	Consumer equipment
NCP15XV153J03RC	NRND	15kΩ	±5%	3950K	±3%	3987K	0.082mA	1005(0402)	Consumer equipment
NCP15XW222E03RC	NRND	2.2kΩ	±3%	3950K	±3%	3987K	0.213mA	1005(0402)	Consumer equipment
NCP15XW222J03RC	NRND	2.2kΩ	±5%	3950K	±3%	3987K	0.213mA	1005(0402)	Consumer equipment
NCP15XW223E03RC	NRND	22kΩ	±3%	3950K	±3%	3987K	0.067mA	1005(0402)	Consumer equipment
NCP15XW223J03RC	NRND	22kΩ	±5%	3950K	±3%	3987K	0.067mA	1005(0402)	Consumer equipment
NCP15XW332E03RC	NRND	3.3kΩ	±3%	3950K	±3%	3987K	0.174mA	1005(0402)	Consumer equipment
NCP15XW332J03RC	NRND	3.3kΩ	±5%	3950K	±3%	3987K	0.174mA	1005(0402)	Consumer equipment
NCP15XW472E03RC	NRND	4.7kΩ	±3%	3950K	±3%	3987K	0.146mA	1005(0402)	Consumer equipment
NCP15XW472J03RC	NRND	4.7kΩ	±5%	3950K	±3%	3987K	0.146mA	1005(0402)	Consumer equipment
NCP15XW682E03RC	NRND	6.8kΩ	±3%	3950K	±3%	3987K	0.121mA	(0402)	Consumer equipment
NCP15XW682J03RC	NRND	6.8kΩ	±5%	3950K	±3%	3987K	0.121mA	(0402)	Consumer equipment
NCP18WB333E03RB	NRND	33kΩ	±3%	4050K	±3%	4108K	0.055mA	(0603)	Consumer equipment
NCP18WB333J03RB	NRND	33kΩ	±5%	4050K	±3%	4108K	0.055mA	(0603)	Consumer equipment
NCP18WB473D03RB	NRND	47kΩ	±0.5%	4090K	±0.5%	4108K	0.046mA	(0603)	Consumer equipment
NCP18WB473E03RB	NRND	47kΩ	±3%	4050K	±2%	4108K	0.046mA	(0603)	Consumer equipment
NCP18WB473F10RB	NRND	47kΩ	±1%	4050K	±1.5%	4108K	0.046mA	(0603)	Consumer equipment
NCP18WB473J03RB	NRND	47kΩ	±5%	4050K	±2%	4108K	0.046mA	(0603)	Consumer equipment
NCP18WB474F03RB	NRND	470kΩ	±1%	4086K	±1%	4108K	0.014mA	(0603)	Consumer equipment
NCP18WD683E03RB	NRND	68kΩ	±3%	4150K	±3%	4209K	0.038mA	(0603)	Consumer equipment
NCP18WD683J03RB	NRND	68kΩ	±5%	4150K	±3%	4209K	0.038mA	(0603)	Consumer equipment
NCP18WF104D03RB	NRND	100kΩ	±0.5%	4200K	±0.5%	4260K	0.031mA	(0603)	Consumer equipment
NCP18WF104E03RB	NRND	100kΩ	±3%	4250K	±2%	4311K	0.031mA	(0603)	Consumer equipment
NCP18WF104F12RB	NRND	100kΩ	±1%	4200K	±1%	4260K	0.031mA	(0603)	Consumer equipment
NCP18WF104J03RB	NRND	100kΩ	±5%	4250K	±2%	4311K	0.031mA	(0603)	Consumer equipment
NCP18WM154E03RB	NRND	150kΩ	±3%	4500K	±3%	4582K	0.026mA	(0603)	Consumer equipment
NCP18WM154J03RB	NRND	150kΩ	±5%	4500K	±3%	4582K	0.026mA	(0603)	Consumer equipment
NCP18WM224E03RB	NRND	220kΩ	±3%	4500K	±3%	4582K	0.021mA	(0603)	Consumer equipment
NCP18WM224J03RB	NRND	220kΩ	±5%	4500K	±3%	4582K	0.021mA	(0603)	Consumer equipment
NCP18WM474E03RB	NRND	470kΩ	±3%	4500K	±3%	4582K	0.015mA	(0603)	Consumer equipment
NCP18WM474J03RB	NRND	470kΩ	±5%	4500K	±3%	4582K	0.015mA	(0603)	Consumer equipment
NCP18XH103D03RB	NRND	10kΩ	±0.5%	3380K	±0.7%	3434K	0.1mA	(0603)	Consumer equipment
NCP18XH103E03RB	NRND	10kΩ	±3%	3380K	±1%	3434K	0.1mA	(0603)	Consumer equipment
NCP18XH103F03RB	NRND	10kΩ	±1%	3380K	±1%	3434K	0.1mA	(0603)	Consumer equipment
NCP18XH103J03RB	NRND	10kΩ	±5%	3380K	±1%	3434K	0.1mA	(0603)	Consumer equipment
NCP18XM221E03RB	NRND	220Ω	±3%	3500K	±3%	3545K	0.674mA	(0603)	Consumer equipment
NCP18XM221J03RB	NRND	220Ω	±5%	3500K	±3%	3545K	0.674mA	(0603)	Consumer equipment
NCP18XM331E03RB	NRND	330Ω	±3%	3500K	±3%	3545K	0.55mA	(0603)	Consumer equipment
NCP18XM331J03RB	NRND	330Ω	±5%	3500K	±3%	3545K	0.55mA	(0603)	Consumer equipment
NCP18XM472E03RB	NRND	4.7kΩ	±3%	3500K	±2%	3545K	0.145mA	(0603)	Consumer equipment
NCP18XM472J03RB	NRND	4.7kΩ	±5%	3500K	±2%	3545K	0.145mA	(0603)	Consumer equipment
NCP18XQ102E03RB	NRND	1kΩ	±3%	3650K	±2%	3693K	0.316mA	(0603)	Consumer equipment
NCP18XQ102J03RB	NRND	1kΩ	±5%	3650K	±2%	3693K	0.316mA	(0603)	Consumer equipment
NCP18XQ471E03RB	NRND	470Ω	±3%	3650K	±2%	3693K	0.609mA	(0603)	Consumer equipment
NCP18XQ471J03RB	NRND	470Ω	±5%	3650K	±2%	3693K	0.609mA	(0603)	Consumer equipment
NCP18XQ681E03RB	NRND	680Ω	±3%	3650K	±3%	3693K	0.383mA	(0603)	Consumer equipment
NCP18XQ681J03RB	NRND	680Ω	±5%	3650K	±3%	3693K	0.383mA	(0603)	Consumer equipment
NCP18XV103E03RB	NRND	10kΩ	±3%	3900K	±3%	3934K	0.1mA	(0603)	Consumer equipment
NCP18XV103J03RB	NRND	10kΩ	±5%	3900K	±3%	3934K	0.1mA	(0603)	Consumer equipment
NCP18XV152E03RB	NRND	1.5kΩ	±3%	3950K	±3%	3987K	0.258mA	(0603)	Consumer equipment
NCP18XV152J03RB	NRND	1.5kΩ	±5%	3950K	±3%	3987K	0.258mA	(0603)	Consumer equipment
NCP18XV153E03RB	NRND	15kΩ	±3%	3950K	±3%	3987K	0.082mA	(0603)	Consumer equipment
NCP18XV153J03RB	NRND	15kΩ	±5%	3950K	±3%	3987K	0.082mA	(0603)	Consumer equipment
NCP18XW222E03RB	NRND	2.2kΩ	±3%	3950K	±3%	3987K	0.213mA	(0603)	Consumer equipment

Part Number	Status	Resistance (25°C)	Resistance Value Tolerance (at 25°C)	B-Constant (25/50°C)	B-Constant (25/50°C) Tolerance	B-Constant (25/85°C) (Reference Value)	Maximum Operating Current (25°C)	Size Code mm(inch)	Specific Applications
NCP18XW222J03RB	NRND	2.2kΩ	±5%	3950K	±3%	3987K	0.213mA	(0603)	Consumer equipment
NCP18XW223E03RB	NRND	22kΩ	±3%	3950K	±3%	3987K	0.067mA	(0603)	Consumer equipment
NCP18XW223J03RB	NRND	22kΩ	±5%	3950K	±3%	3987K	0.067mA	(0603)	Consumer equipment
NCP18XW332E03RB	NRND	3.3kΩ	±3%	3950K	±3%	3987K	0.174mA	(0603)	Consumer equipment
NCP18XW332J03RB	NRND	3.3kΩ	±5%	3950K	±3%	3987K	0.174mA	(0603)	Consumer equipment
NCP18XW472E03RB	NRND	4.7kΩ	±3%	3950K	±3%	3987K	0.146mA	(0603)	Consumer equipment
NCP18XW472J03RB	NRND	4.7kΩ	±5%	3950K	±3%	3987K	0.146mA	(0603)	Consumer equipment
NCP18XW682E03RB	NRND	6.8kΩ	±3%	3950K	±3%	3987K	0.121mA	(0603)	Consumer equipment
NCP18XW682J03RB	NRND	6.8kΩ	±5%	3950K	±3%	3987K	0.121mA	(0603)	Consumer equipment
NCP21WB333J03RA	NRND	33kΩ	±5%	4050K	±3%	4108K	0.078mA	(0805)	Consumer equipment
NCP21WB473J03RA	NRND	47kΩ	±5%	4050K	±3%	4108K	0.065mA	(0805)	Consumer equipment
NCP21WF104J03RA	NRND	100kΩ	±5%	4250K	±3%	4311K	0.045mA	(0805)	Consumer equipment
NCP21XM221J03RA	NRND	220Ω	±5%	3500K	±3%	3545K	0.953mA	(0805)	Consumer equipment
NCP21XM471J03RA	NRND	4.7kΩ	±5%	3500K	±3%	3545K	0.206mA	(0805)	Consumer equipment
NCP21XQ102J03RA	NRND	1kΩ	±5%	3650K	±3%	3693K	0.447mA	(0805)	Consumer equipment
NCP21XQ471J03RA	NRND	470Ω	±5%	3650K	±3%	3693K	0.652mA	(0805)	Consumer equipment
NCP21XV103J03RA	NRND	10kΩ	±5%	3900K	±3%	3934K	0.141mA	(0805)	Consumer equipment
NCP21XW153J03RA	NRND	15kΩ	±5%	3950K	±3%	3987K	0.115mA	(0805)	Consumer equipment
NCP21XW222J03RA	NRND	2.2kΩ	±5%	3950K	±3%	3987K	0.302mA	(0805)	Consumer equipment
NCP21XW223J03RA	NRND	22kΩ	±5%	3950K	±3%	3987K	0.095mA	(0805)	Consumer equipment
NCP03XM102E05RL	To be discontinued	1kΩ	±3%	3500K	±1%	3545K	0.316mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM102J05RL	To be discontinued	1kΩ	±5%	3500K	±1%	3545K	0.316mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM152E05RL	To be discontinued	1.5kΩ	±3%	3500K	±1%	3545K	0.258mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM152J05RL	To be discontinued	1.5kΩ	±5%	3500K	±1%	3545K	0.258mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM222E05RL	To be discontinued	2.2kΩ	±3%	3500K	±1%	3545K	0.213mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM222J05RL	To be discontinued	2.2kΩ	±5%	3500K	±1%	3545K	0.213mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM332E05RL	To be discontinued	3.3kΩ	±3%	3500K	±1%	3545K	0.174mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM332J05RL	To be discontinued	3.3kΩ	±5%	3500K	±1%	3545K	0.174mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM472E05RL	To be discontinued	4.7kΩ	±3%	3500K	±1%	3545K	0.145mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]
NCP03XM472J05RL	To be discontinued	4.7kΩ	±5%	3500K	±1%	3545K	0.145mA	(0201)	Consumer equipment,Medical equipment [GHTF A/B]