

CROSS REFERENCE GUIDE

PRODUCTS: SMT INDUCTORS

Exceptions Guide:

“**DCI**” = DC Current Rating Max.(higher value is typically preferred)

“**DCR**” = DC Resistance Max. (lower value is typically preferred)

“**Q**” = Quality Factor Min.(higher value is typically preferred)

“**SRF**” = Self Resonant Frequency Min.(higher value is typically preferred)

“**TOL.**” = Inductance Tolerance +/- (tighter [smaller] tolerance is typically preferred)

COIL CRAFT TO NIC

Coil Craft Part Number	NIC Part Number	Exceptions
0402CS-10NXKBC	NIN-HK100XTR	SRF, DCR & DCI
0402CS-12NXKBC	NIN-HK120XTR	SRF, DCR & DCI
0402CS-15NXKBC	NIN-HK150XTR	SRF, DCR & DCI
0402CS-19NXKBC	NIN-HK180XTR	18nH I/O 19nH, SRF, DCR & DCI
0402CS-1N0XKBC	NIN-HK1R0XTR	TOL., SRF, DCR & DCI
0402CS-23NXKBC	NIN-HK220XTR	22nH I/O 23nH, SRF, DCR & DCI
0402CS-27NXKBC	NIN-HK270XTR	SRF, DCR & DCI
0402CS-2N2XKBC	NIN-HK2R2XTR	TOL., SRF, DCR & DCI
0402CS-36NXKBC	NIN-HK330XTR	33nH I/O 36nH, TOL., SRF, DCR & DCI
0402CS-3N3XKBC	NIN-HK3R3XTR	TOL., SRF, DCR & DCI
0402CS-3N6XKBC	NIN-HK3R9XTR	3.9nH I/O 3.6nH, TOL., SRF, DCR & DCI
0402CS-40NXKBC	NIN-HK390XTR	39nH I/O 40nH, TOL., SRF, DCR & DCI
0402CS-47NXKBC	NIN-HK470XTR	SRF, DCR & DCI
0402CS-5N6XKBC	NIN-HK5R6XTR	TOL., SRF, DCR & DCI
0402CS-6N2XKBC	NIN-HK6R8XTR	6.8nH I/O 6.2nH, SRF, DCR & DCI
0402CS-8N2XKBC	NIN-HK8R2XTR	SRF, DCR & DCI
0603CS-10NXKBC	NIN-HJ10NXTR	SRF, DCR & DCI
0603CS-12NXKBC	NIN-HJ12NXTR	SRF, DCR & DCI
0603CS-15NXKBC	NIN-HJ15NXTR	SRF, DCR & DCI
0603CS-18NXKBC	NIN-HJ18NXTR	SRF, DCR & DCI
0603CS-1N8XKBC	NIN-HJ1R8XTR	TOL., SRF, DCR & DCI
0603CS-22NXKBC	NIN-HJ22NXTR	SRF, DCR & DCI
0603CS-27NXKBC	NIN-HJ27NXTR	SRF, DCR & DCI
0603CS-33NXKBC	NIN-HJ33NXTR	SRF, DCR & DCI
0603CS-39NXKBC	NIN-HJ39NXTR	SRF, DCR & DCI
0603CS-3N9XKBC	NIN-HJ3R9XTR	SRF, DCR & DCI
0603CS-3N9XKBC	NIN-HJ3R9XTR	SRF, DCR & DCI
0603CS-47NXKBC	NIN-HJ47NXTR	SRF, DCR & DCI
0603CS-56NXKBC	NIN-HJ56NXTR	SRF, DCR & DCI
0603CS-68NXKBC	NIN-HJ68NXTR	SRF, DCR & DCI
0603CS-6N8XKBC	NIN-HJ6R8XTR	SRF, DCR & DCI
0603CS-6N8XKBC	NIN-HJ6R8XTR	SRF, DCR & DCI



COIL CRAFT TO NIC

Coil Craft Part Number	NIC Part Number	Exceptions
0603CS-82NXKBC	NIN-HJ82NXTR	SRF, DCR & DCI
0603CS-R10XKBC	NIN-HJR10XTR	SRF, DCR & DCI
0603HS-10NTKBC	NIN-HJ10NXTR	SRF, DCR & DCI
0603HS-12NTKBC	NIN-HJ12NXTR	SRF, DCR & DCI
0603HS-15NTKBC	NIN-HJ15NXTR	SRF, DCR & DCI
0603HS-18NTKBC	NIN-HJ18NXTR	SRF, DCR & DCI
0603HS-1N8TKBC	NIN-HJ1R8XTR	TOL., SRF, DCR & DCI
0603HS-22NTKBC	NIN-HJ22NXTR	SRF, DCR & DCI
0603HS-27NTKBC	NIN-HJ27NXTR	SRF, DCR & DCI
0603HS-33NTKBC	NIN-HJ33NXTR	SRF, DCR & DCI
0603HS-39NTKBC	NIN-HJ39NXTR	SRF, DCR & DCI
0603HS-3N9TKBC	NIN-HJ3R9XTR	SRF, DCR & DCI
0603HS-3N9TKBC	NIN-HJ3R9XTR	SRF, DCR & DCI
0603HS-47NTKBC	NIN-HJ47NXTR	SRF, DCR & DCI
0603HS-56NTKBC	NIN-HJ56NXTR	SRF, DCR & DCI
0603HS-68NTKBC	NIN-HJ68NXTR	SRF, DCR & DCI
0603HS-6N8TKBC	NIN-HJ6R8XTR	SRF, DCR & DCI
0603HS-6N8TKBC	NIN-HJ6R8XTR	SRF, DCR & DCI
0603HS-82NTKBC	NIN-HJ82NXTR	SRF, DCR & DCI
0603HS-R10TKBC	NIN-HJR10XTR	SRF, DCR & DCI
0805CS-030XMBC	NIN-HD3R3MTR	<i>None - Exact Cross</i>
0805CS-060XMBC	NIN-HD6R8MTR	<i>None - Exact Cross</i>
0805CS-080XMBC	NIN-HD8R2MTR	<i>None - Exact Cross</i>
0805CS-101XKBC	NIN-HD101KTR	<i>None - Exact Cross</i>
0805CS-120XMBC	NIN-HD120MTR	<i>None - Exact Cross</i>
0805CS-121XKBC	NIN-HD121KTR	<i>None - Exact Cross</i>
0805CS-150XMBC	NIN-HD150MTR	<i>None - Exact Cross</i>
0805CS-151XKBC	NIN-HD151KTR	<i>None - Exact Cross</i>
0805CS-180XMBC	NIN-HD180MTR	<i>None - Exact Cross</i>
0805CS-181XKBC	NIN-HD181KTR	<i>None - Exact Cross</i>
0805CS-220XMBC	NIN-HD220MTR	<i>None - Exact Cross</i>
0805CS-221XKBC	NIN-HD221KTR	<i>None - Exact Cross</i>
0805CS-270XMBC	NIN-HD270MTR	<i>None - Exact Cross</i>
0805CS-330XMBC	NIN-HD330MTR	<i>None - Exact Cross</i>
0805CS-390XMBC	NIN-HD390MTR	<i>None - Exact Cross</i>
0805CS-470XMBC	NIN-HD470MTR	<i>None - Exact Cross</i>
0805CS-560XKBC	NIN-HD560KTR	<i>None - Exact Cross</i>
0805CS-680XKBC	NIN-HD680KTR	<i>None - Exact Cross</i>
0805CS-820XKBC	NIN-HD820KTR	<i>None - Exact Cross</i>
0805HS-030TMBC	NIN-HD3R3MTR	<i>None - Exact Cross</i>
0805HS-060TMBC	NIN-HD6R8MTR	<i>None - Exact Cross</i>

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Coil Craft Part Number	NIC Part Number	Exceptions
0805HS-080TMBC	NIN-HD8R2MTR	None - Exact Cross
0805HS-101TKBC	NIN-HD101KTR	None - Exact Cross
0805HS-120TMBC	NIN-HD120MTR	None - Exact Cross
0805HS-121TKBC	NIN-HD121KTR	None - Exact Cross
0805HS-150TMBC	NIN-HD150MTR	None - Exact Cross
0805HS-151TKBC	NIN-HD151KTR	None - Exact Cross
0805HS-180TMBC	NIN-HD180MTR	None - Exact Cross
0805HS-181TKBC	NIN-HD181KTR	None - Exact Cross
0805HS-220TMBC	NIN-HD220MTR	None - Exact Cross
0805HS-221TKBC	NIN-HD221KTR	None - Exact Cross
0805HS-270TMBC	NIN-HD270MTR	None - Exact Cross
0805HS-330TMBC	NIN-HD330MTR	None - Exact Cross
0805HS-390TMBC	NIN-HD390MTR	None - Exact Cross
0805HS-470TMBC	NIN-HD470MTR	None - Exact Cross
0805HS-560TKBC	NIN-HD560KTR	None - Exact Cross
0805HS-680TKBC	NIN-HD680KTR	None - Exact Cross
0805HS-820TKBC	NIN-HD820KTR	None - Exact Cross
1008CS-100XMBC	NIN-HC100MTR	None - Exact Cross
1008CS-101XKBC	NIN-HC101KTR	None - Exact Cross
1008CS-102XKBC	NIN-HC102KTR	None - Exact Cross
1008CS-120XMBC	NIN-HC120MTR	None - Exact Cross
1008CS-121XKBC	NIN-HC121KTR	None - Exact Cross
1008CS-122XKBC	NIN-HC122KTR	None - Exact Cross
1008CS-150XMBC	NIN-HC150MTR	None - Exact Cross
1008CS-151XKBC	NIN-HC151KTR	None - Exact Cross
1008CS-152XKBC	NIN-HC152KTR	None - Exact Cross
1008CS-180XMBC	NIN-HC180MTR	None - Exact Cross
1008CS-181XKBC	NIN-HC181KTR	None - Exact Cross
1008CS-182XKBC	NIN-HC182KTR	None - Exact Cross
1008CS-220XMBC	NIN-HC220MTR	None - Exact Cross
1008CS-221XKBC	NIN-HC221KTR	None - Exact Cross
1008CS-222XKBC	NIN-HC222KTR	None - Exact Cross
1008CS-270XMBC	NIN-HC270MTR	None - Exact Cross
1008CS-271XKBC	NIN-HC271KTR	None - Exact Cross
1008CS-272XKBC	NIN-HC272KTR	None - Exact Cross
1008CS-330XMBC	NIN-HC330MTR	None - Exact Cross
1008CS-331XKBC	NIN-HC331KTR	None - Exact Cross
1008CS-332XKBC	NIN-HC332KTR	None - Exact Cross
1008CS-390XMBC	NIN-HC330MTR	None - Exact Cross
1008CS-391XKBC	NIN-HC391KTR	None - Exact Cross

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Coil Craft Part Number	NIC Part Number	Exceptions
1008CS-392XKBC	NIN-HC392KTR	None - Exact Cross
1008CS-470XMBC	NIN-HC470MTR	None - Exact Cross
1008CS-471XKBC	NIN-HC471KTR	None - Exact Cross
1008CS-560XKBC	NIN-HC560KTR	None - Exact Cross
1008CS-561XKBC	NIN-HC561KTR	None - Exact Cross
1008CS-621XKBC	NIN-HC621KTR	None - Exact Cross
1008CS-680XKBC	NIN-HC680KTR	None - Exact Cross
1008CS-681XKBC	NIN-HC681KTR	None - Exact Cross
1008CS-751XKBC	NIN-HC751KTR	None - Exact Cross
1008CS-820XKBC	NIN-HC820KTR	None - Exact Cross
1008CS-821XKBC	NIN-HC821KTR	None - Exact Cross
1008CS-921XKBC	NIN-HC921KTR	None - Exact Cross
1008CT-150XKBC	NIN-HC150KTR	Q & SRF
1008CT-150XMBC	NIN-HC150MTR	Q & SRF
1008CT-200XKBC	NIN-HC220KTR	22nH I/O 20nH, Q & SRF
1008CT-200XMBC	NIN-HC220MTR	22nH I/O 20nH, Q & SRF
1008CT-300XKBC	NIN-HC330KTR	33nH I/O 30nH, Q & SRF
1008CT-300XMBC	NIN-HC330MTR	33nH I/O 30nH, Q & SRF
1008CT-400XKBC	NIN-HC390KTR	39nH I/O 40nH, Q & SRF
1008CT-400XMBC	NIN-HC390MTR	39nH I/O 40nH, Q & SRF
1008CT-500XKBC	NIN-HC470KTR	47nH I/O 50nH, Q & SRF
1008CT-500XMBC	NIN-HC470MTR	47nH I/O 50nH, Q & SRF
1008CT-600XKBC	NIN-HC680KTR	68nH I/O 60nH, Q & SRF
1008CT-600XMBC	NIN-HC680MTR	68nH I/O 60nH, Q & SRF
1008CT-700XKBC	NIN-HC750KTR	75nH I/O 70nH, Q & SRF
1008CT-700XMBC	NIN-HC750MTR	75nH I/O 70nH, Q & SRF
1008CT-800XKBC	NIN-HC820KTR	82nH I/O 80nH, Q & SRF
1008CT-800XMBC	NIN-HC820MTR	82nH I/O 80nH, Q & SRF
1008CT-900XKBC	NIN-HC920KTR	92nH I/O 90nH, Q & SRF
1008CT-900XMBC	NIN-HC920MTR	92nH I/O 90nH, Q & SRF
1008HS-100TMBC	NIN-HC100MTR	None - Exact Cross
1008HS-101TKBC	NIN-HC101KTR	None - Exact Cross
1008HS-102TKBC	NIN-HC102KTR	None - Exact Cross
1008HS-120TMBC	NIN-HC120MTR	None - Exact Cross
1008HS-121TKBC	NIN-HC121KTR	None - Exact Cross
1008HS-150TMBC	NIN-HC150MTR	None - Exact Cross
1008HS-151TKBC	NIN-HC151KTR	None - Exact Cross
1008HS-180TMBC	NIN-HC180MTR	None - Exact Cross
1008HS-181TKBC	NIN-HC181KTR	None - Exact Cross
1008HS-220TMBC	NIN-HC220MTR	None - Exact Cross

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COIL CRAFT TO NIC

Coil Craft Part Number	NIC Part Number	Exceptions
1008HS-221TKBC	NIN-HC221KTR	None - Exact Cross
1008HS-270TMBC	NIN-HC270MTR	None - Exact Cross
1008HS-271TKBC	NIN-HC271KTR	None - Exact Cross
1008HS-330TMBC	NIN-HC330MTR	None - Exact Cross
1008HS-331TKBC	NIN-HC331KTR	None - Exact Cross
1008HS-390TMBC	NIN-HC390MTR	None - Exact Cross
1008HS-391TKBC	NIN-HC391KTR	None - Exact Cross
1008HS-470TMBC	NIN-HC470MTR	None - Exact Cross
1008HS-471TKBC	NIN-HC471KTR	None - Exact Cross
1008HS-560TKBC	NIN-HC560KTR	None - Exact Cross
1008HS-561TKBC	NIN-HC561KTR	None - Exact Cross
1008HS-621TKBC	NIN-HC621KTR	None - Exact Cross
1008HS-680TKBC	NIN-HC680KTR	None - Exact Cross
1008HS-681TKBC	NIN-HC681KTR	None - Exact Cross
1008HS-751TKBC	NIN-HC751KTR	None - Exact Cross
1008HS-820TKBC	NIN-HC820KTR	None - Exact Cross
1008HS-821TKBC	NIN-HC821KTR	None - Exact Cross
1008HT-12NTJBC	NIN-HC12NJTR	Q, SRF & DCR
1008HT-12NTKBC	NIN-HC12NKTR	Q, SRF & DCR
1008HT-15NTJBC	NIN-HC15NJTR	Q, SRF & DCR
1008HT-15NTKBC	NIN-HC15NKTR	Q, SRF & DCR
1008HT-18NTJBC	NIN-HC18NJTR	Q, SRF & DCR
1008HT-18NTKBC	NIN-HC18NKTR	Q, SRF & DCR
1008HT-22NTJBC	NIN-HC22NJTR	Q, SRF & DCR
1008HT-22NTKBC	NIN-HC22NKTR	Q, SRF & DCR
1008HT-27NTJBC	NIN-HC27NJTR	Q & SRF
1008HT-27NTKBC	NIN-HC27NKTR	Q & SRF
1008HT-33NTJBC	NIN-HC33NJTR	Q & SRF
1008HT-33NTKBC	NIN-HC33NKTR	Q & SRF
1008HT-39NTJBC	NIN-HC39NJTR	Q & SRF
1008HT-39NTKBC	NIN-HC39NKTR	Q & SRF
1008HT-47NTJBC	NIN-HC47NJTR	Q & SRF
1008HT-47NTKBC	NIN-HC47NKTR	Q & SRF
1008HT-56NTJBC	NIN-HC56NJTR	Q & SRF
1008HT-56NTKBC	NIN-HC56NKTR	Q & SRF
1008HT-68NTJBC	NIN-HC68NJTR	Q & SRF
1008HT-68NTKBC	NIN-HC68NKTR	Q & SRF
1008HT-82NTJBC	NIN-HC82NJTR	Q & SRF
1008HT-82NTKBC	NIN-HC82NKTR	Q & SRF
1008HT-R10TJBC	NIN-HC101JTR	Q & SRF

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Coil Craft Part Number	NIC Part Number	Exceptions
1008HT-R10TKBC	NIN-HC101KTR	Q & SRF
1008HT-R12TJBC	NIN-HC121JTR	Q & SRF
1008HT-R12TKBC	NIN-HC121KTR	Q & SRF
1008HT-R15TJBC	NIN-HC151JTR	Q & SRF
1008HT-R15TKBC	NIN-HC151KTR	Q & SRF
1008HT-R18TJBC	NIN-HC181JTR	Q & SRF
1008HT-R18TKBC	NIN-HC181KTR	Q & SRF
1008HT-R22TJBC	NIN-HC221JTR	Q & SRF
1008HT-R22TKBC	NIN-HC221KTR	Q & SRF
1008HT-R27TJBC	NIN-HC271JTR	Q & SRF
1008HT-R27TKBC	NIN-HC271KTR	Q & SRF
1008HT-R33TJBC	NIN-HC331JTR	Q & SRF
1008HT-R33TKBC	NIN-HC331KTR	Q & SRF
1008HT-R39TJBC	NIN-HC391JTR	Q & SRF
1008HT-R39TKBC	NIN-HC391KTR	Q & SRF
1008HT-R47TJBC	NIN-HC471JTR	Q & SRF
1008HT-R47TKBC	NIN-HC471KTR	Q & SRF
1008HT-R56TJBC	NIN-HC561JTR	Q & SRF
1008HT-R56TKBC	NIN-HC561KTR	Q & SRF
1008LS-122XJBC	NIN-HC122JTR	Q, DCI, DCR
1008LS-122XKBC	NIN-HC122KTR	Q, DCI, DCR
1008LS-152XJBC	NIN-HC152JTR	Q, DCI, DCR
1008LS-152XKBC	NIN-HC152KTR	Q, DCI, DCR
1008LS-182XJBC	NIN-HC182JTR	Q, DCI, DCR
1008LS-182XKBC	NIN-HC182KTR	Q, DCI, DCR
1008LS-222XJBC	NIN-HC222JTR	Q, DCI, DCR
1008LS-222XKBC	NIN-HC222KTR	Q, DCI, DCR
1008LS-272XJBC	NIN-HC272JTR	Q, DCI, DCR
1008LS-272XKBC	NIN-HC272KTR	Q, DCI, DCR
1008LS-332XJBC	NIN-HC332JTR	Q, DCI, DCR
1008LS-332XKBC	NIN-HC332KTR	Q, DCI, DCR
1008LS-392XJBC	NIN-HC392JTR	Q, DCI, DCR
1008LS-392XKBC	NIN-HC392KTR	Q, DCI, DCR
1008LS-472XJBC	NIN-HC472JTR	Q, DCI, DCR
1008LS-472XKBC	NIN-HC472KTR	Q, DCI, DCR

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