



NIC COMPONENTS CORP.

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NOISE LEVEL

PRODUCTS: SMT THICK FILM CHIP RESISTORS
NRC SERIES

NOISE LEVEL (REFERENCE TEST) JIS C5202 5.9

TYPE	SIZE / TOL	NOISE LEVEL (db)						
		R VALUE:	10Ω	100Ω	1KΩ	10KΩ	100KΩ	1MEGΩ
		<i>LIMIT:</i>	-10	0	10	15	20	30
NRC06J	0603 / J	AVG:	-34	-27	-8	4	17	25
		MIN.:	-35	-29	-10	2	15	24
		MAX.:	-31	-24	-6	5	20	26
NRC10J	0805 / J	AVG:	-35	-31	-11	-3	5	6
		MIN.:	-37	-32	-13	-4	4	5
		MAX.:	-34	-29	-10	-3	6	6
NRC10F	0805 / F	AVG:	-32	-23	-12	-1	6	10
		MIN.:	-33	-24	-13	-2	5	8
		MAX.:	-30	-21	-12	-1	7	11
NRC12J	1206 / J	AVG:	-35	-33	-16	-5	1	5
		MIN.:	-37	-35	-19	-6	0	4
		MAX.:	-34	-32	-14	-5	2	6
NRC12F	1206 / F	AVG:	-35	-31	-13	-8	-2	6
		MIN.:	-38	-32	-15	-10	-2	6
		MAX.:	-32	-30	-11	-7	-1	7
NRC25	1210 / J	AVG:	-16	-15	-7	-4	-6	10
		MIN.:	-18	-17	-9	-5	-4	9
		MAX.:	-14	-14	-5	-4	-8	10

MAXIMUM CURRENT NOISE

NOMINAL RESISTANCE (Ω)	CURRENT NOISE	
	(db)	(uV/V)
R ≤ 100	-10	0.32
100 < R ≤ 1K	0	1.0
1K < R ≤ 10K	+10	3.2
10K < R ≤ 100K	+15	5.6
100K < R ≤ 1MEG	+20	10
1 MEG < R	+30	32