

Thermistor-type Devices Certified for Canada - Component

COMPANY

MURATA MFG CO LTD

THERMISTOR AND VARIABLE PRODUCTS DEPT

2288 OSHINOHARA

YASU-SHI, Shiga 520-2393 Japan

E137188

PTC current limiters

Model No.	Voltage (V)	Current				Tmoa (°C)	Class	CA
		Ih (mA)	It (mA)	I _{max} (A)	I _{sc} (A)			
PRG03BC101*****	15 Vdc	19	45	0.174	0.174	85	C1	1(65), 2, 3, 4, #
PRG18BB101*****	40 Vdc	21	45	0.5	0.5	85	C1	1(85), 2, 3, 4, #
PRG18BB221*****	60 Vdc	14	29	0.35	0.35	85	C1	1(85), 2, 4, #
PRG18BB330*****	24 Vdc	36	71	0.91	0.91	85	C1	1(85), 2, 3, 4, #
PRG18BB470*****	32 Vdc	29	61	0.86	0.86	85	C21	1(85), 2, 3, 4, #
PRG18BB471*****	90 Vdc	10	21	0.24	0.24	85	C1	1(90), 2, 4, #
PRG18BC680*****	63 Vdc	32	70	1.16	1.16	85	C1	1(115), 2, 4, #
PRG18BC470*****	60 Vdc	39	85	1.6	1.6	85	C1	1(115), 2, 4, #
PRG18BC330*****	60 Vdc	46	100	2.28	2.28	85	C1	1(115), 2, 4, #
PRG18BC220*****	40 Vdc	58	122	2.28	2.28	85	C1	1(115), 2, 4, #

PRG18BC150*****	36 Vdc	70	150	3	3	85	C1	1(115), 2, 4, #
PRG18BC100*****	32 Vdc	86	180	4	4	85	C1	1(115), 2, 4, #
PRG18BC1R0*****	6 Vdc	330	740	7.5	7.5	85	C2	1(98.5), 2, 4, #
PRG18BC2R2*****	12 Vdc	220	500	6.82	6.82	85	C2	1(115), 2, 4, #
PRG18BC3R3*****	16 Vdc	180	400	6.07	6.07	85	C2	1(120), 2, 4, #
PRG18BC4R7*****	20 Vdc	155	330	5.32	5.32	85	C2	1(125), 2, 4, #
PRG18BC6R8*****	24 Vdc	120	260	4.42	4.42	85	C2	1(125), 2, 4, #
PRG21AR220*****	16 Vdc	75	195	0.91	0.91	105	C2	1(125), 2, 4, #
PRG21AR420*****	20 Vdc	54	102	0.6	0.6	105	C2	1(125), 2, 4, #
PRG21AR4R7*****	16 Vdc	205	390	4.26	4.26	105	C2	1(125), 2, 4, #
PRG21AR3R3*****	16 Vdc	250	485	4.07	4.07	105	C2	1(137), 2, 4, #
PRG21BB150*****	20 Vdc	59	116	1.67	1.67	85	C3	1(125), 2, 4, #
PRG21BB220*****	20 Vdc	44	91	1.14	1.14	85	C3	1(125), 2, 4, #
PRG21BC220*****	63 Vdc	66	145	2.39	2.39	85	C3	1(120), 2, 4, #
PRG21BC150*****	60 Vdc	85	187	3.41	3.41	85	C3	1(120), 2, 4, #
PRG21BC100*****	50 Vdc	100	220	6.25	6.25	85	C3	1(120), 2, 4, #
PRG21BC0R2*****	9 Vdc	750	1620	56.3	56.3	85	C2	1(159), 2, 4, #
PRG21BC0R4*****	12Vdc	523	1148	37.5	37.5	85	C2	1(150), 2, 4, #
PRG21BC0R6*****	13.2 Vdc	420	920	27.5	27.5	85	C2	1(150), 2, 4, #
PRG21BC0R8*****	16 Vdc	370	810	25	25	85	C2	1(145), 2, 4, #
PRG21BC1R0*****	16 Vdc	330	740	20	20	85	C2	1(145), 2, 4, #
PRG21BC2R2*****	30 Vdc	220	500	17.1	17.1	85	C2	1(140), 2, 4, #

PRG21BC1R5*****	18 Vdc	270	600	15	15	85	C2	1(145), 2, 4, #
PRG21BC3R3*****	30 Vdc	180	400	11.4	11.4	85	C2	1(140), 2, 4, #
PRG21BC4R7*****	32 Vdc	155	330	8.52	8.52	85	C2	1(140), 2, 4, #
PRG21BC6R8*****	33 Vdc	120	260	6.07	6.07	85	C1	1(148), 2, 4, #
PRG15BC101*****	60 Vdc	22	42	0.75	0.75	85	C1	1(89), 2, 4, #
PRG15BC680*****	45 Vdc	26	52	0.83	0.83	85	C2	1(89), 2, 4, #
PRG15BC470*****	36 Vdc	32	62	0.96	0.96	85	C2	1(89), 2, 4, #
PRG15BC330*****	30 Vdc	38	73	1.14	1.14	85	C2	1(89), 2, 4, #
PRG15BC220*****	24 Vdc	43	90	1.37	1.37	85	C2	1(89), 2, 4, #
PRG15BC180*****	24 Vdc	47	98	1.67	1.67	85	C2	1(89), 2, 4, #
PRG15BC4R7*****	9 Vdc	91	172	2.40	2.40	85	C2	1(89), 2, 4, #
PRG15BC3R3*****	9 Vdc	110	205	3.41	3.41	85	C2	1(89), 2, 4, #
PRG15BC2R2*****	6 Vdc	134	252	3.41	3.41	85	C2	1(81), 2, 4, #
PRG03BC181*****	20 Vdc	14	36	0.097	0.097	85	C1	1(74),2,3,4, #
PTGL06BB220N*****	250 Vac/dc	56	335	0.6	200	60	C1	1(145), 2, 4, #
PTGL14AS330H*****	280 Vac	130	340	5.8	1000	25	C1	1(158), 2, 3, 4, #
PTGL14AS470H*****	280 Vac	110	290	4.1	1000	25	C1	1(158), 2, 3, 4, #
PTGL14AS680H*****	280 Vac	80	240	3.3	1000	25	C1	1(158), 2, 3, 4, #
PTGL14AS820H*****	280 Vac	70	230	2.3	1000	25	C1	1(158), 2, 3, 4, #
PTGL14AS101H*****	280 Vac	60	220	1.9	1000	25	C1	1(158), 2, 3, 4, #
PTGL16AS330H*****	280Vac/dc	140	350	5.8	1000	25	C1	1(158), 2, 3, 4, #
PTGL16AS470H*****	280Vac/dc	120	300	4.1	1000	25	C1	1(158), 2, 3, 4, #

PTGL16AS680H*****	280Vac/dc	90	250	3.3	1000	25	C1	1(158), 2, 3, 4, #
PTGL20AS330H*****	280Vac/dc	160	410	5.8	1000	25	C1	1(158), 2, 3, 4, #
PTGL20AS470H*****	280Vac/dc	130	340	4.1	1000	25	C1	1(158), 2, 3, 4, #

***** - may be provided with 5 suffices of any combination letter "A~Z" and/or "0~9", and/or blank, and/or alpha-numeric character. Denotes different packing method or customer code, not related to rating.

PTC current limiters

Model No.	Voltage (V)		Current (A)					T _{moa} (°C)	Class	CA
	V _{max}	V _r	I _h (mA)	I _t (mA)	I _{max} (A)	I _{sc} (A)				
PTGL07AS251*****	280 ac/dc	240 ac/dc	45	85	0.9	1000	85	C1	1 (147.3), 2, 4, #	
PTGL16AS220H*	280 ac	240 ac	155	445	8.7	1000	85	C1	1 (157.8), 2, 4, #	
PTGL16AS400H*	280 ac	240 ac	125	405	4.8	1000	85	C1	1 (157.8), 2, 4, #	
PTGL16AS820H*	280 ac	240 ac	85	310	2.3	1000	85	C1	1 (157.8), 2, 4, #	
PTGL16AS101H*	280 ac	240 ac	75	270	1.9	1000	85	C1	1(148.1), 2, 4, #	
PTGL20AS150H*	280 ac	240 ac	235	685	12	1000	85	C1	1(163.8), 2, 4, #	
PTGL20AS220H*	280 ac	240 ac	190	520	8.7	1000	85	C1	1(163.8), 2, 4, #	
PTGL20AS400H*	280 ac	240 ac	145	465	4.8	1000	85	C1	1(163.8), 2, 4, #	
PTGL20AS680H*	280 ac	240 ac	110	400	3.3	1000	85	C1	1(152.8), 2, 4, #	
PTGL20AS820H*	280 ac	240 ac	100	330	2.3	1000	85	C1	1(152.8), 2, 4, #	
PTGL20AS101H*	280 ac	240 ac	90	290	1.9	1000	85	C1	1(151.3), 2, 4, #	

PTC heater pellets

Model No.	Max. Voltage (V)	Rated Voltage (V)	I _{in} (A)	I _{ss} (mA)	Class	T _s (°C)	CA
PTWE23BC150*030***	35 ac/dc	33 ac/dc	1.5	7	C1	170	1(140), 4, #

PTWE23BC5R0*028***	28 ac/dc	28 ac/dc	4.5	10	C1	185	1(140, 4, #
PTWE29BB120*028***	28 ac/dc	28 ac/dc	3.5	13	C1	150	1(140), 4, #
PTWE29BB220*028***	28 ac/dc	28 ac/dc	3.5	10	C1	150	1(140), 4, #

PTC degaussers

Model No.	Current (A)			Load Impedance (ohms)	Class	CA
	Vr (Vac)	I _{lin} (A)	I _{ss} (mA)			
PTDAA1XX1R5++++	100	65	5	90	C1	1(74), #
PTDAA1XX3R0++++	100	56	5	60	C1	1(60), #
PTDAA1XX4R5++++	220	58	10	60	C1	1(66), #
PTDAA1XX5R0++++	100	47	60	5	C1	1(66), #
PTDAA1XX7R0++++	220	51	10	60	C1	1(66), #
PTDAA1XX9R0++++	220	47	10	60	C1	1(66), #
PTDAA1XX140++++	220	39	10	60	C1	1(66), #
PTDAA1XX180++++	220	34	10	60	C1	1(62), #
PTDCA1XX3R0++++	100	56	5	10	C1	1(76), #
PTDCA1XX4R5++++	220	58	10	10	C1	1(85), #
PTDCA1XX7R0++++	220	51	10	10	C1	1(85), #
PTDCA1XX9R0++++	220	47	10	10	C1	1(85), #
PTDCA1XX140++++	220	39	10	10	C1	1(85), #
PTDCA1XX180++++	220	34	10	10	C1	1(76), #
PTddb1XX1R5++++	100	65	90	5	C1	1(85), #

PTC sensors

Model No.	Vmax (dc)	Sensing/Operating Range Temperature (°C)	Class	CA
PRF15AR102*****	32	110-130	C3	1(170), 2, 4
PRF15BA102*****	32	110-120	C4	1(160), 2, 4
PRF15BB102*****	32	105-125	C4	1(150), 2, 4
PRF15BC102*****	32	80-100	C4	1(140), 2, 4
PRF15BD102*****	32	85-105	C4	1(130), 2, 4
PRF15BE102*****	32	60-80	C4	1(120), 2, 4
PRF15BF102*****	32	50-70	C4	1(110), 2, 4
PRF15BG102*****	32	65-85	C4	1(100), 2, 4
PRF15BB103*****	32	130	—	—
PRF15BE103*****	32	100	—	—
PRF15BG103*****	32	80	—	—
PRF18AS471+++++	32	145±10	C1	2, #
PRF18AR471+++++	32	135±10	C1	2, #
PRF18BA103+++++	32	130±10	C1	2, #
PRF18BA473+++++	32	130±10	C1	2, #
PRF18BA471+++++	32	125±10	C1	2, #
PRF18BB471+++++	32	115±10	C1	2, #
PRF18BC471+++++	32	105±10	C1	2, #
PRF18BD471+++++	32	95±10	C1	2, #
PRF18BE471+++++	32	85±10	C1	2, #

PRF18BF471+++++	32	75±10	C1	2, #
PRF18BG471+++++	32	65±10	C1	2, #
PTFL04BH471Q2N++++	16	60	C4	2, #
PTFL04BG471Q2N++++	16	70	C4	2, #
PTFL04BF471Q2N++++	16	80	C4	2, #
PTFL04BE471Q2N++++	16	90	C4	2, #
PTFL04BD471Q2N++++	16	100	C4	2, #
PTFL04BC471Q2N++++	16	110	C4	2, #
PTFL04BB471Q2N++++	16	120	C4	2, #
PTFL04BH222Q2N++++	16	60	C4	2, #
PTFM04BH471Q2N++++	16	60	C4	2, #
PTFM04BH222Q2N++++	16	60	C3	2, #
PTFL04BG222Q2N++++	16	-10 to 80	C3	#
PTFM04BH471Q2N+++S	16	50~60	C4	2, 4, #
PTFM04BG471Q2N+++S	16	60~70	C4	2, 4, #
PTFM04BF471Q2N+++S	16	70~80	C4	2, 4, #
PTFM04BE471Q2N+++S	16	80~90	C4	2, 4, #
PTFM04BD471Q2N+++S	16	90~100	C4	2, 4, #
PTFM04BC471Q2N+++S	16	100~110	C4	2, 4, #
PTFM04BB471Q2N+++S	16	110~120	C4	2, 4, #
PTFM04BH222Q2N+++S	16	50~60	C4	2, 4, #
PTFM04BG222Q2N+++S	16	60~70	C4	2, 4, #

PTFM04BF222Q2N+++S	16	70~80	C4	2, 4, #
PTFM04BE222Q2N+++S	16	80~90	C4	2, 4, #
PTFM04BD222Q2N+++S	16	90~100	C4	2, 4, #
PTFM04BC222Q2N+++S	16	100~110	C4	2, 4, #
PTFM04BB222Q2N+++S	16	110~120	C4	2, 4, #

NTC temperature sensors

Model No.	Resistance at 25°C (k ohm)	Tmoa (°C)	Class	CA
NCP03YS110@****	0.011	125	C4	4, #
NCP03YS220@****	0.022	125	C4	4, #
NCP03YS330@****	0.033	125	C4	4, #
NCP03YS470@****	0.047	125	C4	4, #
NCP03YS680@****	0.068	125	C4	4, #
NCP03YS101@****	0.100	125	C4	4, #
NCP03XM102@****	1.0	125	C4	4, #
NCP03XM152@****	1.5	125	C4	4, #
NCP03XM222@****	2.2	125	C4	4, #
NCP03XM332@****	3.3	125	C4	4, #
NCP03XM472@****	4.7	125	C4	2, 4, #
NCP03XW472@****	4.7	125	C4	2, 4, #
NCP03XH682@****	6.8	125	C4	2, 4, #
NCP03XH103@****	10	125	C4	2, 4, #
NCP03XV103@****	10	125	C4	2, 4, #
NCP03XH153@****	15	125	C4	2, 4, #

NCP03XH223@****	22	125	C4	2, 4, #
NCP03WF333@****	33	125	C4	4, #
NCP03WL333@****	33	125	C4	4, #
NCP03WB473@****	47	125	C4	4, #
NCP03WL473@****	47	125	C4	4, #
NCP03WF683@****	68	125	C4	4, #
NCP03WL683@****	68	125	C4	4, #
NCP03WF104@****	100	125	C4	4, #
NCP03WL104@****	100	125	C4	4, #
NCP03WL154@****	150	125	C4	4, #
NCP03WL224@****	220	125	C4	4, #
NCP03WF474@****	470	125	C3	4, #
NCP15XC220@*&**	0.022	125	C4	2, 4, #, %
NCP15XC330@*&**	0.033	125	C4	2, 4, #, %
NCP15XC470@*&**	0.047	125	C4	2, 4, #, %
NCP15XC680@*&**	0.068	125	C4	2, 4, #, %
NCP15XF101@*&**	0.100	125	C4	2, 4, #, %
NCP15XF151@*&**	0.150	125	C4	2, 4, #, %
NCP15XM221@*&**	0.220	125	C4	2, 4, #
NCP15XM331@*&**	0.330	125	C4	2, 4, #
NCP15XQ471@*&**	0.470	125	C4	2, 4, #
NCP15XQ681@*&**	0.680	125	C4	2, 4, #
NCP15XQ102@*&**	1	125	C4	2, 4, #
NCP15XW152@*&**	1.5	125	C4	2, 4, #

NCP15XW222@*&**	2.2	125	C4	2, 4, #
NCP15XW332@*&**	3.3	125	C4	2, 4, #
NCP15XM472@*&**	4.7	125	C4	2, 4, #
NCP15XW472@*&**	4.7	125	C4	2, 4, #
NCP15XW682@*&**	6.8	125	C4	2, 4, #
NCP15XH103@*&**	10	125	C4	2, 4, #
NCP15XV103@*&**	10	125	C4	2, 4, #
NCP15XW153@*&**	15	125	C4	2, 4, #
NCP15XW223@*&**	22	125	C4	2, 4, #
NCP15WL223@*&**	22	125	C4	2, 4, #
NCP15WB333@*&**	33	125	C4	2, 4, #
NCL15WB333@*&**	33	125	C4	2, 4, #
NCP15WL333@*&**	33	125	C4	2, 4, #
NCP15WB473@*&**	47	125	C4	2, 4, #
NCL15WB473@*&**	47	125	C4	2, 4, #
NCP15WL473@*&**	47	125	C4	2, 4, #
NCP15WD683@*&**	68	125	C4	2, 4, #
NCP15WL683@*&**	68	125	C4	2, 4, #
NCP15WF104@*&**	100	125	C4	2, 4, #
NCP15WL104@*&**	100	125	C4	2, 4, #
NCP15WM154@*&**	150	125	C4	2, 4, #
NCP15WL154@*&**	150	125	C4	2, 4, #
NCP15WM224@*&**	220	125	C4	2, 4, #
NCP15WM474@*&**	470	125	C4	2, 4, #

NCU15XH103@*S**	10	125	C2	2, 4, #
NCU15WB473@*S**	47	125	C2	2, 4, #
NCU15WF104@*S**	100	125	C2	2, 4, #
NCP15XC220@*S**	0.022	125	C4	2, 4, #, %
NCP15XC330@*S**	0.033	125	C4	2, 4, #, %
NCP15XC470@*S**	0.047	125	C4	2, 4, #, %
NCP15XC680@*S**	0.068	125	C4	2, 4, #, %
NCP15XF101@*S**	0.100	125	C4	2, 4, #, %
NCP15XF151@*S**	0.150	125	C4	2, 4, #, %
NCP15XM221@*S**	0.220	125	C4	2, 4, #
NCP15XM331@*S**	0.330	125	C4	2, 4, #
NCP15XQ471@*S**	0.470	125	C4	2, 4, #
NCP15XQ681@*S**	0.680	125	C4	2, 4, #
NCP15XQ102@*S**	1	125	C4	2, 4, #
NCP15XM472@*S**	4.7	125	C4	2, 4, #
NCP15XW152@*S**	1.5	150	C3	2, 4, #
NCP15XW222@*S**	2.2	150	C2	2, 4, #
NCP15XW332@*S**	3.3	150	C2	2, 4, #
NCP15XW472@*S**	4.7	150	C2	2, 4, #
NCP15XW682@*S**	6.8	150	C2	2, 4, #
NCP15XH103@*S**	10	150	C2	2, 4, #
NCP15XV103@*S**	10	150	C2	2, 4, #
NCP15XW153@*S**	15	150	C4	2, 4, #
NCP15XW223@*S**	22	150	C4	2, 4, #

NCP15WL223@*S**	22	150	C4	2, 4, #
NCP15WB333@*S**	33	150	C4	2, 4, #
NCL15WB333@*S**	33	150	C4	2, 4, #
NCP15WL333@*S**	33	150	C4	2, 4, #
NCP15WB473@*S**	47	150	C4	2, 4, #
NCL15WB473@*S**	47	150	C4	2, 4, #
NCP15WL473@*S**	47	150	C4	2, 4, #
NCP15WD683@*S**	68	150	C4	2, 4, #
NCP15WL683@*S**	68	150	C4	2, 4, #
NCP15WF104@*S**	100	150	C4	2, 4, #
NCP15WL104@*S**	100	150	C2	2, 4, #
NCP15WM154@*S**	150	150	C2	2, 4, #
NCP15WL154@*S**	150	150	C2	2, 4, #
NCP15WM224@*S**	220	150	C2	2, 4, #
NCP15WM474@*S**	470	150	C2	2, 4, #
NCU15XH103@*S**	10	150	C4	2, 4, #
NCU15WB473@*S**	47	150	C3	2, 4, #
NCU15WF104@*S**	100	150	C3	2, 4, #
NCP18XF101@*&**	0.100	125	C3	2, 4, #
NCP18XF151@*&**	0.150	125	C3	2, 4, #
NCP18XM221@*&**	0.220	125	C3	2, 4, #
NCP18XM331@*&**	0.330	125	C3	2, 4, #
NCP18XQ471@*&**	0.470	125	C3	2, 4, #
NCP18XQ681@*&**	0.680	125	C3	2, 4, #

NCP18XQ102@*&**	1	125	C3	2, 4, #
NCP18XW152@*&**	1.5	125	C3	2, 4, #
NCP18XW222@*&**	2.2	125	C3	2, 4, #
NCP18XW332@*&**	3.3	125	C3	2, 4, #
NCP18XM472@*&**	4.7	125	C3	2, 4, #
NCP18XW472@*&**	4.7	125	C3	2, 4, #
NCP18XH502@*&**	5	125	C3	2, 4, #
NCP18XW682@*&**	6.8	125	C3	2, 4, #
NCP18XH103@*&**	10	125	C3	2, 4, #
NCP18XV103@*&**	10	125	C3	2, 4, #
NCP18XW153@*&**	15	125	C3	2, 4, #
NCP18XW223@*&**	22	125	C3	2, 4, #
NCP18WB333@*&**	33	125	C3	2, 4, #
NCP18WB473@*&**	47	125	C3	2, 4, #
NCP18WD683@*&**	68	125	C3	2, 4, #
NCP18WF104@*&**	100	125	C3	2, 4, #
NCP18WE104@*&**	100	125	C3	2, 4, #
NCP18WM154@*&**	150	125	C3	2, 4, #
NCP18XW154@*&**	150	125	C3	2, 4, #
NCP18WA204@*&**	200	125	C3	2, 4, #
NCP18WM224@*&**	220	125	C3	2, 4, #
NCP18WM474@*&**	470	125	C2	2, 4, #
NCP18WB474@*&**	470	125	C3	2, 4, #
NCU18XH103@*&**	10	125	C2	2, 4, #

NCU18WB473@*&**	47	125	C3	2, 4, #
NCU18WF104@*&**	100	125	C3	2, 4, #
NCU18WM154@*&**	150	125	C2	2, 4, #
NCU18WM224@*&**	220	125	C2	2, 4, #
NCU18WM474@*&**	470	125	C2	2, 4, #
NCP18XM221@*S**	0.220	125	C3	2, 4, #
NCP18XM331@*S**	0.330	125	C3	2, 4, #
NCP18XM472@*S**	4.7	125	C3	2, 4, #
NCP18XF101@*S**	0.100	150	C4	2, 4, #
NCP18XF151@*S**	0.150	150	C3	2, 4, #
NCP18XQ471@*S**	0.470	150	C3	2, 4, #
NCP18XQ681@*S**	0.680	150	C3	2, 4, #
NCP18XQ102@*S**	1	150	C3	2, 4, #
NCP18XW152@*S**	1.5	150	C3	2, 4, #
NCP18XW222@*S**	2.2	150	C3	2, 4, #
NCP18XW332@*S**	3.3	150	C3	2, 4, #
NCP18XW472@*S**	4.7	150	C3	2, 4, #
NCP18XW682@*S**	6.8	150	C3	2, 4, #
NCP18XH103@*S**	10	150	C3	2, 4, #
NCP18XV103@*S**	10	150	C3	2, 4, #
NCP18XW153@*S**	15	150	C3	2, 4, #
NCP18XW223@*S**	22	150	C3	2, 4, #
NCP18WB333@*S**	33	150	C3	2, 4, #
NCP18WB473@*S**	47	150	C3	2, 4, #

NCP18WD683@*S**	68	150	C3	2, 4, #
NCP18WF104@*S**	100	150	C3	2, 4, #
NCP18WE104@*S**	100	150	C4	2, 4, #
NCP18WM154@*S**	150	150	C4	2, 4, #
NCP18WM224@*S**	220	150	C4	2, 4, #
NCP18WM474@*S**	470	150	C4	2, 4, #
NCU18XH103@*S**	10	150	C4	2, 4, #
NCU18WB473@*S**	47	150	C3	2, 4, #
NCU18WF104@*S**	100	150	C3	2, 4, #
NCU18WM154@*S**	150	150	C4	2, 4, #
NCU18WM224@*S**	220	150	C4	2, 4, #
NCU18WM474@*S**	470	150	C4	2, 4, #
NCP21XM221@****	0.220	125	C4	2, 4, #
NCP21XQ471@****	0.470	125	C4	2, 4, #
NCP21XQ102@****	1.0	125	C4	2, 4, #
NCP21XW222@****	2.2	125	C4	2, 4, #
NCP21XM472@****	4.7	125	C4	2, 4, #
NCP21XW472@****	4.7	125	C4	2, 4, #
NCP21XV103@****	10	125	C4	2, 4, #
NCP21XW153@****	15	125	C4	2, 4, #
NCP21XW223@****	22	125	C4	2, 4, #
NCP21WB333@****	33	125	C4	2, 4, #
NCP21WB473@****	47	125	C4	2, 4, #
NCP21WF104@****	100	125	C4	2, 4, #

NXFT15XW152@****, NXFS15XW152@****	1.5	90	C4	2, 4,#
NXFT15XM202@****, NXFS15XM202@****	2.0	90	C4	2, 4,#
NXFT15XW222@****, NXFS15XW222@****	2.2	90	C4	2, 4,#
NXFT15XW332@****, NXFS15XW332@****	3.3	90	C4	2, 4,#
NXFT15XW472@****, NXFS15XW472@****	4.7	90	C4	2, 4,#
NXFT15XW682@****, NXFS15XW682@****	6.8	90	C4	2, 4,#
NXFT15XH103@****, NXFS15XH103@****	10	90	C4	2, 4,#
NXFT15XV302@****, NXFS15XV302@****	3.0	90	C3	2, 4,#
NXFT15XV103@****, NXFS15XV103@****	10	90	C4	2, 4,#
NXFT15XW153@****, NXFS15XW153@****	15	90	C4	2, 4,#
NXFT15XW223@****, NXFS15XW223@****	22	90	C4	2, 4,#
NXFT15WL223@****, NXFS15WL223@****	22	90	C4	2, 4,#
NXFT15WB333@****, NXFS15WB333@****	33	90	C4	2, 4,#
NXFT15WL333@****, NXFS15WL333@****	33	90	C4	2, 4,#
NXFT15WB473@****, NXFS15WB473@****	47	90	C4	2, 4,#

NXFT15WL473@****, NXFS15WL473@****	47	90	C4	2, 4,#
NXFT15WD683@****, NXFS15WD683@****	68	90	C4	2, 4,#
NXFT15WL683@****, NXFS15WL683@****	68	90	C4	2, 4,#
NXFT15WF104@****, NXFS15WF104@****	100	90	C4	2, 4,#
NXFT15WL104@****, NXFS15WL104@****	100	90	C4	2, 4,#
NXFT15WM154@****, NXFS15WM154@****	150	90	C4	2, 4,#
NXFT15WL154@****, NXFS15WL154@****	150	90	C4	2, 4,#
NXFT15WM224@****, NXFS15WM224@****	220	90	C4	2, 4,#
NXFT15WM474@****, NXFS15WM474@****	470	90	C4	2, 4,#
NXRT15WB333JA\$**** NXRS15WB333JA\$****	33 ± 5%	125	C4	2, #
NXRT15WB473FA\$**** NXRS15WB473FA\$****	47 ± 1%	125	C4	2, #
NXRT15WB473QA\$**** NXRS15WB473QA\$****	47 ± 0.7%	125	C4	2, #
NXRT15WF104FA\$**** NXRS15WF104FA\$****	100 ± 1%	125	C4	2, #
NXRT15XH103FA\$**** NXRS15XH103FA\$****	10 ± 1%	125	C4	2, #
NXRT15XM202EA\$**** NXRS15XM202EA\$****	2 ± 3%	125	C4	2, #

NXRT15XM122FA\$**** NXRS15XM122EA\$****	2 ± 5%	125	C4	2, #
NXRT15XM181FA\$**** NXRS15XM181EA\$****	2 ± 5%	125	C4	2, #
NXRT15XM141FA\$**** NXRS15XM141EA\$****	2 ± 5%	125	C4	2, #
NXRT15XV103FA\$**** NXRS15XV103FA\$****	10 ± 1%	125	C4	2, #
NXRT15XV582FA\$**** NXRS15XV582FA\$****	10 ± 5%	125	C4	2, #
NXRT15XV681FA\$**** NXRS15XV681FA\$****	10 ± 5%	125	C4	2, #
NXRT15XV203GA\$**** NXRS15XV203GA\$****	20 ± 2%	125	C4	2, #
NXRT15XV302FA\$**** NXRS15XV302FA\$****	3 ± 1%	125	C4	2, #
NXRT15XV502FA\$**** NXRS15XV502FA\$****	5 ± 1%	125	C4	2, #
NXRT15XV292FA\$**** NXRS15XV292FA\$****	5 ± 5%	125	C4	2, #
NXRT15XV341FA\$**** NXRS15XV341FA\$****	5 ± 5%	125	C4	2, #
FTN18XH103@****	10	125	C3	2, 4, #
FTN18WF104@****	100	125	C3	2, 4, #
NCP02XH103@****	10	125	C4	4, #
NCP02WF683@****	68	125	C4	4, #
NCP02WF104@****	100	125	C4	4, #
NCP02WF474@****	470	125	C4	4, #

@ Resistance tolerance codes (F: ±1%, E: ±3%, J: ±5%, K: ±10%) **** Other specification, such as packaging.

(!) - @:For model FTN18 series, resistance tolerance code and maybe follow by F: $\pm 1\%$, E: $\pm 3\%$, J: $\pm 5\%$ for R25. ****: Alphanumeric symbol denoting customer code or packing code, not related to any rating or construction.

**** Other specification, such as customer code or packaging, not related to any rating or construction.

+ Can be any letter or numeral.

X Can be any letter or numeral.

(+) Manufacturer's specifications

See Report Conditions of Acceptability for more detail.

* Any alphanumeric letter to indicate the variance within resistance range.

*** Any three alphanumeric letter, indicating the packing code.

\$ Can be 1 through 9 for lead shape code. All models may be followed by additional suffixes which designate the packaging type and product length.

& - "&" contains letters or numbers other than "S".

Marking: Company name or tradename "muRata" or trademarks  (another size and color may be acceptable), , part designation and Recognized Component Mark for Canada



on individual parts or on the smallest shipping container.

Last Updated on 2023-10-30

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

UL Solutions permits the reproduction of the material contained in Product iQ subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from Product iQ with permission from UL Solutions" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "©2023 UL LLC."