























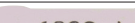





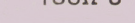





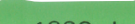






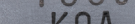
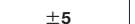






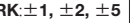
















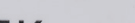



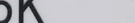
























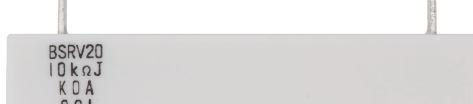



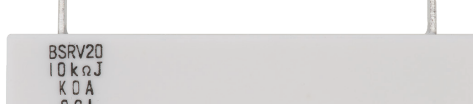


Category		Power Rating(W)	1/8	1/6	1/4 Small	1/4	1/2 Small	1/2	1	2	3	5	Tolerance (%)	Note
Leaded Resistors	General	CF											±2, ±5	Carbon Film
		CFP											±2, ±5	Carbon Film Flame Retardant
	Precision	MF SN											±0.5, ±1, ±2	Metal Film MF:1/4W, 1/2W SN:1W, 2W
		SNF											±5	Metal Film Flame Retardant Low Resistance
		CWP·CW H											CW P:±0.25, ±0.5, ±1 CW H:±0.5, ±1	Wire Wound, CW P:Precision, CW H:Meeting MIL-PRF-26
	Power	MOS(X)											±1, ±2, ±5	:Metal Oxide Film (X):Metal Film, Low Resistance
		SPR(X)											±1, ±2, ±5	:Special Power Film (X):Metal Film, Low Resistance
		CW											±2, ±5, ±10	Wire Wound
	Fusing Resistors	RF CW CWFS											±5	RF:Fusing Power:2.5W~36W, Flame Retardant RF:Fusing Time:30s Max. (RF1/6W:60s Max.) CWFS·CW1SS:UL1412 Recognized
				RF16	RF25		RF50	RF1	RF2	CWFS23	CWFS35			
	High Voltage	RK GS											RK:±1, ±2, ±5 GS:±0.5~±20	Metal Glaze Film RK1/2G:Discharge Path Type, UL1676&c-UL GS:0.25W~12W
		RCR											±1, ±5	RCR25EN:EN62368-1G.10(VDE),RCR50+:UL1676&c-UL RCR50EN:EN62368-1G.10(VDE),UL1676&c-UL RCR60:EN62368-1G.10(VDE),UL1676&c-UL
		RK92											RK92±0.5~±20 RK92-L:±10	Metal Glaze Film (High Resistance) RK92:0.5W~4W, Flame Retardant RK92-L:4W,Possible in insulating oil
		HPC											±10, ±20	Max.Pulse Vol.(kV): 1/2W:8, 1W:15, 2W~5W:25
		PCF											±10, ±20	Max.Pulse Vol.(kV): 1/2W:10, 1W:14, 2W:20
Leaded Network Resistors	Precision	MRS·MRP		MRS1/8 0.125W		MRS1/4 0.25W		MRS1/3 0.3W		MRP (Balance Resistor)		MRP (Full Custom)	MRS:±0.01~±0.5 MRP:±0.1~±1	Metal Film MRS:Ultra Precision MRP:Excellent Resistance Matching, T.C.R. Tracking And Stabilities
Thermal Sensors	Linear PTC	LP		1/16W		1/8W							±1, ±2, ±5	-55℃~+150℃, T.C.R.:+150~+5,000
	Pt Sensor	SDT310 (P/MTM/AP) (LTC/HLTC/HCTP) (VASP)											T.C.R.:+3,850, ClassAF0.15:±(0.15+0.002 t)℃, ClassBF0.3:±(0.3+0.005 t)℃, ClassC:±(1.0+0.01 t)℃, F0.15 and F0.3:SDT310HCTP Only SDT310P·SDT310AP·SDT310HCTP:-55℃~+400℃, SDT310MTM:-55℃~+650℃, SDT310LTC·SDT310HLTC:-55℃~+155℃ SDT310VASP:-55℃~+600℃, VASP for Automotive	
		SDT101A/SDT101SA/ SDT101B											T.C.R.:+3,500, SDT101A/SA:-55℃~+150℃, SDT101B:-55℃~+300℃, Resistance Tolerance(%):±0.5, ±1, ±2(SA only),B-500Ω/SA for Automotive	

Shunt Resistors	Current Sensing	HS · BPR · LR		Network Resistors			Power Resistor		
				Type	Tolerance (%)	Note	BGR/BWR/BSR for General		BGRV/BWRV/BSRV for Automotive
		HS ~50W (~1000A)		RKL/RKC/RKH	±1, ±2, ±5	Various Types of Standard Circuits			
		 BPR26 Single Type:2W,3W,5W,10W Twin Type:5W+5W,7W+7W		RKL		/RKC		/RKH	
		 LR09L20 Diameter:0.6~2.9mm Max.Current Rating:3~21A		Jumpers					
				Z16		Z25	Max. Allowable Current (A)		
				J1/6Z		J1/4Z	Z16:1.5, Z25:2.5, J1/6Z:8, J1/4Z:10		



Category			Type	1F	1H	1E	1J	2A	2B	2E	2H(W2H)	3A(W3A)	Tolerance (%)	Note
			Size inch (mm)	01005 (0.4×0.2)	0201 (0.6×0.3)	0402 (1.0×0.5)	0603 (1.6×0.8)	0805 (2.0×1.25)	1206 (3.2×1.6)	1210 (3.2×2.6)	2010 (5.0×2.5)	2512 (6.3×3.1)		
Chip Resistors	General	Thick Film	RK73H/RK73B	- / -	- / -	- / -							±0.5, ±1/±2, ±5	W3A2:2W
	Jumper		RK73Z	-	-	-							-	50mΩ Max. (1H(RT):100mΩ Max.) 1F · 1H:0.5A, 1E · 1J:1A, 2A~W3A:2A
	Precision		RK73G		-	-							±0.25, ±0.5, ±1	T.C.R.:±50
	High Temperature		RS73										±0.1, ±0.25, ±0.5, ±1	T.C.R.:±25~±50, High Reliability
	Anti Surge		HRK73			-							±1, ±5	Operating Temp:-55~+200℃
	Anti Pulse		SG73/S/P			/ - / -							±10, ±20/±0.5, ±1, ±2, ±5	SG73S:For Surge, SG73P:For Pulse
	High Voltage		SG73G										±0.25, ±0.5	T.C.R.:±50, Precision, For Pulse
	Low Resistance		HV73/HV73V										±0.5, ±1, ±2, ±5	High Max. Working Voltage 1J:350V, 2A:400V, 2B:800V, 2H:2,000V (D.C.), 3A:3,000V (D.C.)
			SR73		-	-							±0.5, ±1, ±2, ±5	Resistance Range:24mΩ~10Ω, T.C.R.:±100~, W3A2:2W
			UR73/D/V			/ = /							±1	Resistance Range:10mΩ~100mΩ, T.C.R.:±75~, UR73V:For Automotive
	Wide Terminal		WU73										±1	Wide Terminal, Resistance Range:10m~100mΩ T.C.R.:±75~±100
			WK73		-	-							±0.5, ±1, ±5	Power Rating:0.33W~3W
	WG73											±10, ±20	For Pulse, 2B:1W, 2H, 1.5W, 3A:2W	
Molded	SLR										±0.5, ±1, ±5	Resistance Range:301mΩ~1MΩ, T.C.R.:±100,		
Precision	Thin Film	RN73R/RN73H			- / -							±0.05~±1	T.C.R.:±5~±100, RN73H:High Reliability	
MELF	Carbon Film Thin Film	RD41·RN41·RM41 CC	RD41 2ES 0.25W (3.5×1.55)	RN41 2ES 0.25W/0.4W (3.5×1.55)	RN41 3AS 1W (5.9×2.4)	CC12M 2A (3.5×1.55)	CC25 5A (5.9×2.4)					RD41:±2, ±5 RN41:±0.1~±5 CC:-	RD41:General RN41:Precision, T.C.R.:±25~±50 CC:Jumper, 20mΩ Max., 12M:2A, 25:5A	
Shunt Resistors	Current Sensing	TLR/TLRH										±1	T.C.R.:±50~±150(0.5mΩ~20mΩ)/±50~±75(6mΩ~270mΩ) TLR:0.5W~5W, TLRH:0.25W~5W	
		TLRZ(Jumper)		-	-							-	0.2mΩ Max.(1E:0.5mΩ Max) 1E:10A, 1J:26A, 2A:31.6A, 2B:50A	
		SLP										±0.5, ±1	Resistance Range:10mΩ~100mΩ, T.C.R.:±50 Power Rating:1W~2W	
		PSL2·PSJ2·PSF4·PSG4	PSL2 8W~9W (6.3×3.15)	PSJ2 5W~12W (10×5.2)	PSF4 3W, 5W (3.0×3.8)	PSG4 8W, 10W (6.9×6.6)					±1	T.C.R. PSL2:±115 (0.5mΩ), ±175 (0.3mΩ), 250±100(0.2mΩ) PSJ2:±50~±200(0.2mΩ~4mΩ) PSF4·PSG4:±50 (0.5mΩ, 1mΩ)		
		SL·TSL·SLN	SL07/W07 0.75/1W (5.0×2.5×1.7)	TSL1 1W (6.3×3.1×1.0)	SL1/W1 1/1.5W (6.3×3.1×1.9)	SL2 2W (11.5×7.0×2.5)	SLN2/3/5 2/3/7W (11.5×7.0×2.4)				±0.5, ±1, ±2, ±5	T.C.R. SL07/W07:0~200 (5mΩ~10mΩ), 0~150 (11mΩ~100mΩ) SL1/W1:±50~±180 SL2/TSL:±100, ±180, SLZ1:Jumper SLN:±110 (3mΩ~9mΩ), ±75 (10mΩ~200mΩ)		
		BLR·LR72·CSR	BLR1 1W (14×5.5)	BLR2 2W (19×6.3)	BLR3 15W (19.3×8.2)	LR72A 0.5W (14×5.2)	CSR1 1W (10.8×6.2)	CSR2 2W (12.8×8.2)	CSR2 68mΩF		BLR:±5, ±10 LR72:±5 CSR:±0.5, ±1	T.C.R. BLR:±100 (8mΩ~50mΩ) LR72:±100 (2mΩ~8mΩ), ±350 (2mΩ, 3mΩ) CSR:±50 (5mΩ~50mΩ)		
Chip Network Resistors	Precision	Thin Film	CNN/KPC/HVD	CNN	KPC S03	N08	N16	Q16	Q20	Q24	HVD	±0.1~±5	Excellent Resistance Matching, T.C.R. Tracking And Stabilities CNN, T.C.R.:±25, Resistance:1kΩ · 10kΩ · 100kΩ KPC:Thin Film Resistor/Capacitor/Diode Array On Silicon Wafer HVD:High Voltage Divider(Max Working Voltage 1000V)	
Thermal Sensors	Linear PTC	LT73/LT73V											±2, ±5	T.C.R.:+150~+4,500, LT73V:For Automotive
		LP73										±1, ±2, ±5	T.C.R.:+3,000~+5,000	
	Pt Sensor	SDT73H/V/S										±0.2, ±1	T.C.R.:+3,850, -55℃~+155℃ (SDT73S:~+250℃) SDT73V:For Automotive	
	NTC Thermistors	NT73										±5, ±10, ±15	B constant:3,200K~4,100K Resistance:1kΩ~150kΩ	
Protectors	Fusing Resistors	RF73										±5	UL1412 Recognized (2A~3A size)	
	Current Fuses	TF		10BN	16SN	16AT	16VN					-	0.2A~5A, UL248.14 Recognized 16AT:Anti-pulse, 16VN: Automotive(Rated Voltage:~DC125V)	
		CCP·CCF										-	UL248.14 Recognized CCP:0.4A~5A, CCF:0.4A~15A	
	Varistors	NV73/DL/DS	- / /	- / /	- / /							-	Multilayer Varistor NV73DL·NV73DS:For Automotive	
Inductors	High Freq. Power Choke	KQ(T)/KQC LPC		- / -								KQ(T)/KQC:±0.1mH, ±0.2mH, ±2~±20 LPC:±10, ±20	KQ:Air Core, High Q, KQC:Higher Q than KQ LPC:High Current and Low DCR Operating Temp. Range: -40℃~+125℃	

Anti sulfuration are also available

