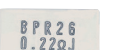
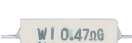
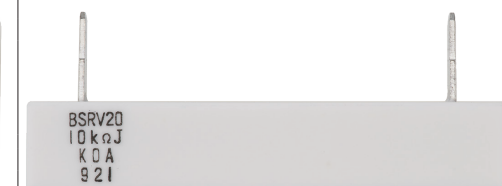


Category		Power Rating(W)	1/8	1/6	1/4 Small	1/4	1/2 Small	1/2	1	2	3	5	Tolerance (%)	Note
Leaded Resistors	General	CF											±2, ±5	Carbon Film
		CFP											±2, ±5	Carbon Film Flame Retardant
	Precision	MF SN											±0.5, ±1, ±2	Metal Film MF:1/4W, 1/2W SN:1W, 2W
		SNF											±5	Metal Film 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	MOS: Metal Oxide Film MOS(X):Metal Film, Low Resistance
		SPR(X)											±1, ±2, ±5	SPR: Special Power Film SPR(X): Metal Film, Low Resistance
		CW											±2, ±5, ±10	Wire Wound
	Fusing Resistors	RF CW CWFS			 RF16	 RF25	 RF50	 RF1 CW1SS	 RF2	 CWFS23	 CWFS35		±5	RF:Fusing Power:2.5W~36W, Flame Retardant RF:Fusing Time:30s Max.(RF1/6W:60s Max.) CWFS·CW1SS:UL1412 Recognized
		RK GS											RK:±1, ±2, ±5 GS:±0.5~±10	Metal Glaze Film RK1/2G:Discharge Path Type, UL1676&c-UL GS:0.25W~12W
	High Voltage	RCR			 50V 50EN	 50V 50EN	 50V 50EN	 100V 100EN	 100V 100EN	 100V 100EN	 100V 100EN	 100V 100EN	±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					 RK92-5L	 RK92-8C	 RK92-32C	 RK92-L			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°C~+ 150°C T.C.R.:+ 150~+ 5,000
	Pt Sensor	SDT310 (P/MTM/AP) (LTC/HLTC/HCTP) (VASP, VASP2)	 SDT310 (P/MTM/AP) (LTC/HLTC/HCTP) (VASP, VASP2)	 SDT310 (LTC/HLTC/HCTP) (VASP, VASP2)	 SDT310 (VASP)	 SDT310 (VASP2)	 SDT310 (VASP)	 SDT310 (VASP2)	 SDT310 (VASP)	 SDT310 (VASP2)	 SDT310 (VASP)	 SDT310 (VASP2)		T.C.R.:+ 3,850, ClassAF0.15:±(0.15+ .002 t)°C , ClassBF0.3:±(0.3+ .005 t)°C , ClassC:±(1.0+ .01 t)°C F0.15 and F0.3:SDT310HCTP Only SDT310P-DT310AP-DT310HCTP: - 55°C ~+ 400°C, SDT310MTM: - 55°C ~+ 650°C, SDT310LTC-SDT310HLTC: - 55°C ~+ 155°C SDT310VASP, SDTVASP 2: - 55°C ~+ 600°C VASP, VASP2 for Automotive
		SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B	 SDT101A/SDT101SA/ SDT101B		T.C.R.:+ 3,500, SDT101A/SA: - 55°C ~+ 150°C SDT101B: - 55°C ~+ 300°C Resistance Tolerance(%):±0.5, ±1,±2(SA only),B-500Ω/SA for Automotive

Shunt Resistors	Current Sensing	HS · BPR · LR		Network Resistors			Power Resistor		
		 HS ~50W (~1000A)		Type	Tolerance (%)	Note	BGR/BWR/BSR for General		BGRV/BWRV/BSRV for Automotive
		 BPR26 Single Type:2W,3W,5W,10W Twin Type:5W+5W,7W+7W		RKL/RKC/RKH	±1, ±2, ±5	Various Types of Standard Circuits	 BWR1		 BSRV20
		 LR09L20 Diameter:0.6~2.9mm Max.Current Rating:3~21A		RKL	 103 J	 10K J	 BGR5X		
				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 · J:1A, 2A~ W3A:2A	
	Precision		RK73G		-	-							±0.25, ±0.5, ±1	T.C.R.:±50	
			RS73										±0.1, ±0.25, ±0.5, ±1	T.C.R.:±25~±50, High Reliability	
	High Temperature		HSG73P			-							±1, ±5	Operating Temp:— 55~+ 200℃	
	Anti Surge Anti Pulse		SG73/S/P			/ - / -							±10, ±20±0.5, ±1, ±2, ±5	SG73S:For Surge, SG73P:For Pulse	
			SG73G										±0.25, ±0.5	T.C.R.:±50, Precision, For Pulse	
	High Voltage		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	
	Low Resistance		UR73/D/V			/ = /	/ = = /					/ 10L0 /	/ 10L0 /	±1	Resistance Range:10mΩ ~ 100mΩ T.C.R.:±75~ UR73V: For Automotive
			WU73											±1	Wide Terminal, Resistance Range:10m~ 100mΩ T.C.R.:±75~ ±100
	Wide Terminal		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· 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~ ±1500(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	
			PSF4·PSL2	PSF4 3W,5W (3.0×3.8)	PSL2 8W~9W (6.3×3.15)					±1	T.C.R.	PSL2:±115 (0.5mΩ) , ±175 (0.3mΩ) , 25±100(0.2mΩ) PSF4 ±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) 10mΩ	SL1/W1 1/1.5W (6.3×3.1×1.9) 10mΩ	SL2 2W (11.5×7.0×2.5)	SLN2/3/5 2/3/7W (11.5×7.0×2.4) 10mΩ	±0.5, ±1, ±2, ±5	T.C.R.	SL07/W07:0~ ±200 (5mΩ~10mΩ, 0~±150 (5mΩ~100mΩ) SL1/W1:±50~ ±180 SL2/TSL:±100, ±180, SLZ1:Jumper SLN:±75~ ±110 (3m-200mΩ)				
			BLR·LR72·CSR	BLR1 1W (14×5.5) 50mΩ	BLR2 2W (19×6.3) 120kΩ	BLR3 15W (19.3×8.2) 3W 80kΩ	LR72A 0.5W (14×5.2)	CSR1 1W (10.8×6.2) 500	CSR1 5mΩF	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/RB(X)/RD(X)/ RIA/RNX/RTX/ RTY/HVD	RB(X), RD(X), RIA, RNX, RTX, RTY 									±0.1~±5	Excellent Resistance Matching,T.C.R. Tracking and Stabilities CNN, T.C.R.: ±25, Resistance: 1kΩ, 10kΩ, 100kΩ RB(X), RD(X), RIA, RNX, RTX, RTY12: 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		
Protectors	Pt Sensor	SDT73H/V/S											±0.2, ±1	T.C.R.:+ 3,850, — 5℃~+ 155℃ (SDT73S:~+ 250) SDT73V: For Automotive	
		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)	
		CCF									CCF (6.0×2.5)		—	UL248.14 Recognized CCF:0.4A~15A	
Varistors		NV73/DL/DS									2J (4.5×3.2)	2L (5.7×5.0) DS (6.1×5.1)	—	Multilayer Varistor NV73DL· NV73DS:For Automotive	

Anti sulfuration are also available

