



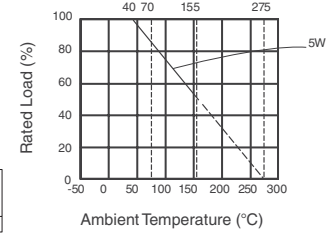
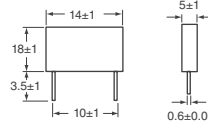
5% Ceramic Metal Plate Resistors 5 Watt SLR Series

Features: Ultra mini size, space saving • Low resistance, low inductance, current detecting resistors • Metal plate in ceramic case • Power type current detecting resistors • Low Resistance: 0.02 ~ 0.18 • Tolerance: ±5% • TCR: ±250ppm/°C • Power Rating: 5W • Operating Temperature Range: -55°C ~ 155°C

Applications: • Telecom • Current Sensing

Standard Resistor Values	
0.02	0.15
0.027	0.18

Type (Power Rating)	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Temperature Cycling	Resistance Range
5W	350V	700V	700V	-55°C ~ 155°C	0.02Ω ~ 0.18Ω



Description	Value Range (Ω)	Digi-Key Part No.†	Pricing				YAGEO Part No.
			10	50	200	1,000	
5 Watt, 5%, Ceramic Metal Plate Resistors, Bulk Package	0.02 ~ 0.027	(Value)AFBK-ND	12.34	33.22	76.31	260.34	SLR500JB-xxxxx
5 Watt, 5%, Ceramic Metal Plate Resistors, Bulk Package	0.15 ~ 0.18	(Value)AFBK-ND	9.49	25.54	58.67	200.14	SLR500JB-xxxxx

† For complete part number, substitute the value from the Standard Resistor Values chart for (Value).

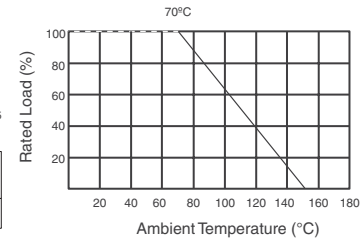
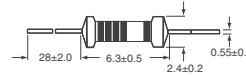
0.1% Metal Film Resistors 1/4 Watt MFP Series



Features: • High precision, stable temperature, high reliability • Tolerance: ±0.1% • TCR: ±25ppm/°C • Power Rating: 1/4W • Operating Temperature Range: -55°C ~ 155°C

Applications: • High Precision Circuit • Video and Audio Appliance • Digital and Analog Computerized Systems • Precision Instrument • Bridge Circuits • Auto Controlled Equipment • Military Devices • Space Program Applications • Mobile Phone Station • Telephone Exchange • Charger • Base Station • Medical Equipment

Type (Power Rating)	Maximum Working Voltage	Maximum Overload Voltage	Dielectric Withstanding Voltage	Temperature Cycling	Resistance Range
1/4W	250V	500V	500V	-55°C ~ 155°C	33Ω ~ 100KΩ



Standard Resistor Values													
33	91	150	270	470	910	1.5K	2.7K	4.7K	9.1K	15K	27K	47K	91K
56	100	180	330	510	1K	1.8K	3.3K	5.6K	10K	18K	33K	56K	100K
75	120	220	390	750	1.2K	2.2K	3.9K	7.5K	12K	20K	39K	75K	

Description	Value Range (Ω)	Digi-Key Part No.†	Cut Tape Pricing				Tape and Reel Pricing					YAGEO Part No.	
			10	50	200	1,000	5,000	10,000	25,000	50,000	100,000		
1/4W, 0.1% Metal Film Resistors	33 ~ 100K	(Value)ADCT-ND	7.25	19.51	44.83	152.95	(Value)ADTR-ND	144.76/M	130.18/M	115.59/M	96.51/M	79.68/M	MFP-25BRD52-xxxx

† For complete part number, substitute the value from the Standard Resistor Values chart for (Value).

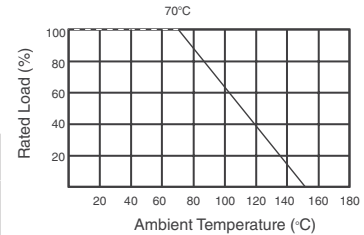
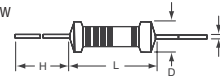
1% and 5% Metal Film Resistors 1, 2, and 3 Watt FMP Series



Features: • Ultra mini size, space saving • High stable performance • Tolerance: ±1% ~ ±5% • TCR: ±100ppm/°C • Power Rating: 1W, 2W, and 3W • Operating Temperature Range: -55°C ~ 155°C • Flameproof coating

Applications: • UPS • Power supply • Instrument • White goods • Meter • Mobile Phone Station • Telephone Exchange • Charger

Type (Power Rating)	Dimensions - mm				Maximum Working Voltage	Maximum Overload Voltage	Dielectric Withstanding Voltage	Temperature Cycling	Resistance Range
	H	L	D	d					
1W	28±2.0	6.3±0.5	2.4±0.2	0.55±0.05	350V	600V	500V	-55°C ~ 155°C	0.27Ω ~ 82KΩ
2W	26±2.0	9.0±0.5	3.9±0.3	0.55±0.05	500V	700V	500V	-55°C ~ 155°C	0.39Ω ~ 1MΩ
3W	33±2.0	15.5±1.0	5.0±0.5	0.8±0.05	750V	1000V	750V	-55°C ~ 155°C	10Ω ~ 220KΩ



Standard Resistor Values														
0.27	1.0	3.9	8.2	33	100	249	560	2.2K	7.5K	22K	68K	150K	274K	820K
0.33	1.2	4.7	10	43	110	270	680	2.7K	8.2K	27K	75K	154K	330K	1M
0.39	1.5	5.1	12	47	120	330	820	3.3K	10K	30K	82K	180K	332K	
0.47	1.8	5.6	15	56	150	390	1K	4.7K	12K	33K	100K	200K	390K	
0.51	2.2	6.2	18	68	160	430	1.2K	5.1K	15K	39K	110K	220K	470K	
0.68	3.0	6.8	22	82	180	470	1.5K	5.6K	16K	47K	120K	240K	560K	
0.82	3.3	7.5	27	91	220	510	1.8K	6.8K	18K	56K	130K	270K	715K	

Description	Value Range (Ω)	Digi-Key Part No.†	Cut Tape Pricing				Digi-Key Part No.†	Tape and Reel Pricing					YAGEO Part No.
			10	50	200	1,000		2,500	5,000	10,000	25,000	50,000	
1W, 5% Metal Film Resistor	0.27 ~ 0.51, 0.82	(Value)WCT-ND	3.74	10.04	23.08	78.75	(Value)WTR-ND	—	85.29/M	72.94/M	—	59.48/M	FMP100JR-52-xxxx
1W, 5% Metal Film Resistor	1.0 ~ 1.2, 2.2 ~ 3.3, 4.7, 5.6, 7.5 ~ 8.2	(Value)WCT-ND	2.36	6.35	14.60	49.79	(Value)WTR-ND	—	47.13/M	40.40/M	—	32.55/M	FMP100JR-52-xxxx
1W, 5% Metal Film Resistor	10 ~ 12, 22, 33, 47, 56 ~ 91, 100 ~ 150, 180, 220, 270 ~ 390, 470 ~ 680, 1K ~ 1.5K, 2.2K, 3.3K, 4.7K, 10K ~ 27K, 33K, 47K, 56K ~ 68K, 82K, 100K ~ 120K, 150K, 180K, 220K, 270K, 330K, 470K, 820K ~ 1M	(Value)WCT-ND	1.96	5.27	12.12	41.33	(Value)WTR-ND	—	37.04/M	31.42/M	—	25.81/M	FMP100JR-52-xxxx
2W, 1% Metal Film Resistor	100, 160, 220, 249, 10K, 75K, 130K, 154K, 274K, 332K, 390K, 715K	(Value)YCT-ND	3.32	8.93	20.51	69.97	(Value)YTR-ND	59.48/M	52.75/M	—	39.28/M	—	FMP200FRF52-xxxx
2W, 1% Metal Film Resistor	6.2	(Value)YCT-ND	4.08	11.01	25.28	86.24	(Value)YTR-ND	76.31/M	68.46/M	—	50.50/M	—	FMP200FRF52-xxxx
2W, 5% Metal Film Resistor	0.39, 0.68 ~ 0.82	(Value)ZCT-ND	5.02	13.50	31.01	105.76	(Value)ZTR-ND	96.51/M	86.41/M	—	63.97/M	—	FMP200JR-52-xxxx
2W, 5% Metal Film Resistor	1.0, 1.5 ~ 1.8, 2.2, 3.3 ~ 5.6, 6.8, 8.2	(Value)ZCT-ND	3.12	8.38	19.27	65.74	(Value)ZTR-ND	54.99/M	49.38/M	—	35.91/M	—	FMP200JR-52-xxxx
2W, 5% Metal Film Resistor	10 ~ 82, 100, 120 ~ 150, 180 ~ 220, 270, 330 ~ 150K, 180K ~ 200K, 240K ~ 270K, 330K, 390K ~ 560K, 820K ~ 1M	(Value)ZCT-ND	2.56	6.89	15.83	54.02	(Value)ZTR-ND	42.65/M	38.16/M	—	28.06/M	—	FMP200JR-52-xxxx
3W, 1% Metal Film Resistor	100, 10K, 220K	(Value)AVCT-ND	4.44	11.96	27.47	—	(Value)AVTB-ND	—	75.19/M	67.33/M	56.11/M	—	FMP300FT73-xxxx
3W, 5% Metal Film Resistor	10, 10K, 220K	(Value)AXCT-ND	3.37	9.06	20.79	—	(Value)AXTB-ND	—	53.87/M	48.26/M	40.40/M	—	FMP300JT-73-xxxx

† For complete part number, substitute the value from the Standard Resistor Values chart for (Value). ‡ Tape and Box ✓ NEW!

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