

JLP series / Silicone Coated Axial,

PROFESSIONAL AND MILITARY APPLICATIONS



特徴

- ・基板実装が容易
- ・高安定、高精度、小型
- ・産業用、プロフェッショナル、プレミアムグレード
- ・許容差 ±0.1%
- ・低インダクタンス構造
- ・低抵抗領域にも対応 (10mΩ以上)
- ・参考規格- MIL-R-26E
 - MIL-R-39007
 - JSS 50402 [RFHT-1]
 - IEC QC

Features

- ・EASY TO MOUNT ON PCBs
- ・HIGH STABILITY, PRECISION
- ・AND SMALL SIZE
- ・INDUSTRIAL, PROFESSIONAL AND PREMIUM GRADES
- ・TOLERANCES OF 0.1%
- ・NON-INDUCTIVE TYPES
- ・LOW VALUES DOWN TO 0R01
- ・REFERENCE STANDARDS
 - MIL-R-26E
 - MIL-R-39007
 - JSS 50402 [RFHT-1]
 - IEC QC

仕様 JSS 50402, MIL-R-26E / Specifications JSS 50402, MIL-R-26E

TYPE	Industrial	Professional	Premium
	P1, P2, P3, P4,P5, P7 & P10	P2A, P3C, P4B, P5B, P6, P6A, P9,P10A, P12 & P14	P1A, P1B, P3A, P5A & P10A
Tolerance	± 1%, 2%, 5%, & 10%	± 1%, 2%, 5%, & 10%	± 0.10%, 0.25%, 0.50% & 1.00%
Temp. Coeff.of Resistance [TCR]	± 200ppm/ ° C (max.)	± 200ppm/ ° C(max.)	± 30ppm ° C(max.) [except for very low values]
Max. Voltage	Generally corresponding to the limits of specification.		
Stability	± 3%	± 3%	± 0.5%
Power Rating	Rated @ 40 ° C derated linearly to zero at 275 ° C	For JSS, rated @ 70 ° C ambient and derated linearly to zero at 350 ° C [Fig. 2B].	Rated @ 25 ° C ambient and derated linearly to zero at 275 ° C [Fig.2C - Characteristic U]
		For MIL Rated @ 25 ° C ambient and derated linearly to zero at 350 ° C [Fig.2C - Characteristic V]	

仕様 / Specification Table

Type	ELECTRICAL SPECIFICATIONS				Ref. Standards*		Grade
	Power Rating Watts	Max. Voltage Volts	Resistance Range In Ohms		MIL-R-39007	JSS	
			Min	Max	MIL-R-26E	Type	
					Type Nos.12	Nos.	
JL P1	1	50	0R1	3K3			Industrial
JL P1A	2	50	0R1	6K8	RW80		Premium
JL P1B	1	50	0R1	2K2	RW81		Premium
JL P2	2	100	0R1	4K7			Industrial
JL P2A	2.5	100	0R1	10K		RFHT-1	Professional
JL P3	3	150	0R1	4K7			Industrial
JL P3A	3	150	0R1	4K7	RW69,RW89		Premium
JL P3C	3	150	0R01	10K			Professional
JL P4	4	150	0R1	6K8			Industrial
JL P4B	4	150	0R01	15K			Professional
JL P5	5	250	0R1	33K			Industrial
JL P5A	5	250	0R1	39K	RWR74		Premium
JL P5B	5	200	0R01	20K			Professional
JL P6	6	250	0R1	33K	RWR67	RFHT-1	Professional
JL P6A	7	250	0R01	33K			Professional
JL P7	7	500	0R1	68K			Industrial
JL P9	9	500	0R1	68K	RW55	RFHT-1	Professional
JL P10	10	750	0R1	100K			Industrial
JL P10A	10	750	0R1	100K	RW68,RW78		Premium
JL P12	12	750	0R1	100K		RFHT-1	Professional
JL P14	14	750	0R1	180K	RW56		Professional

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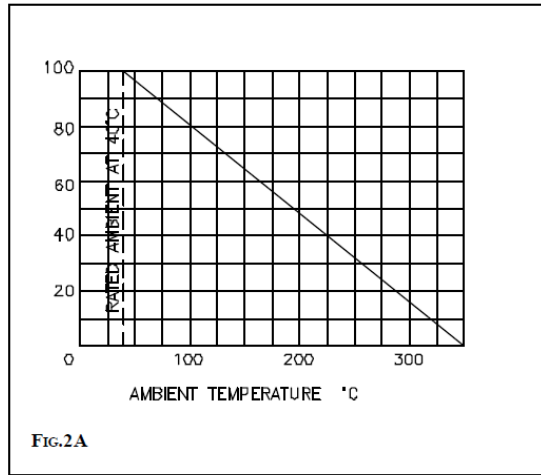
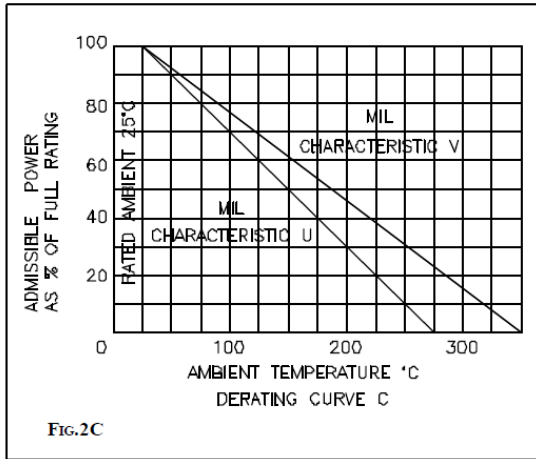
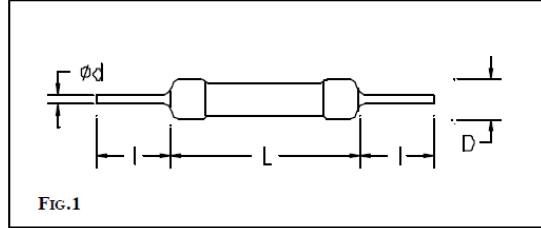
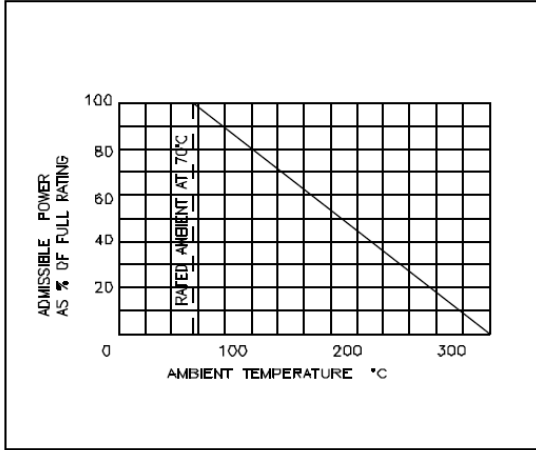


FIG.3B

TABLE 3 : OPTION 2 - KNIFE EDGE TERMINATION

TYPE	DIMENSIONS IN MM (IN.)			
	L	D	d	d ₁
	±2.00 (±0.079)	±0.50 (±0.020)	±0.20 (±0.008)	±0.20 (±0.008)
P6F	40.0 (1.57)	7.6 (0.30)	2.2 (0.09)	1.2 (0.05)
P9F	54.0 (2.13)	7.6 (0.30)	2.2 (0.09)	1.2 (0.05)
P12F	69.0 (2.72)	7.6 (0.30)	2.2 (0.09)	1.2 (0.05)

TABLE 2 : OPTION 1 - SCREW MOUNTING TERMINATION [FIG.3A]

TYPE	DIMENSIONS IN MM (IN.)			
	L	D	l	SCREW THREAD
	±2.00 (±0.079)	±0.50 (±0.020)	±0.50 (±0.020)	
P3S	31.0 (1.22)	8.0 (0.31)	5.0 (0.20)	M3 x 0.50
P6S	35.0 (1.38)	9.0 (0.35)	5.0 (0.20)	M4 x 0.70 AND M3 x 0.50
P9S	49.0 (1.93)	9.0 (0.35)	5.0 (0.20)	M4 x 0.70 AND M3 x 0.50
P12S	64.0 (2.52)	9.0 (0.35)	5.0 (0.20)	M4 x 0.70 AND M3 x 0.50

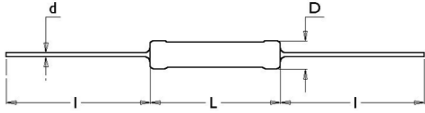
FIG.3A

JLP SERIES

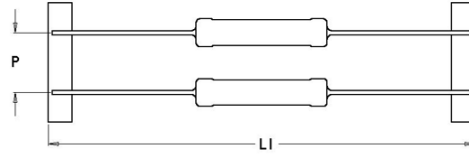
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Dimensions



Tape and Reel Specifications



In mm

Type	L ± 2.00	D ± 0.50	d ± 0.10	l ± 2.0	P ± 0.50	L1 ± 2.0
JL P1	12.0	4.0	0.8	35		
JL P1A	11.0	3.5	0.8	35		
JL P1B	7.0	3.0	0.5	35		
JL P2	12.0	5.0	0.8	35		
JL P2A	13.0	5.6	0.8	35		
JL P3	17.0	6.0	0.8	35		
JL P3A	12.0	5.0	0.8	35		
JL P3C	14.5	5.6	0.8	35		
JL P4	17.0	7.0	0.8	35		
JL P4B	16.0	5.6	0.8	35		
JL P5	22.0	7.0	0.8	35		
JL P5A	23.0	8.0	1.0	35		
JL P5B	18.5	6.0	0.8	35		
JL P6	23.0	8.0	0.8	35		
JL P6A	26.0	8.8	0.8	35		
JL P7	35.0	7.0	0.8	35	NA	NA
JL P9	39.0	8.0	0.8	35	NA	NA
JL P10	50.0	7.0	0.8	35	NA	NA
JL P10A	45.0	8.0	1.0	35	NA	NA
JL P12	54.0	8.0	0.8	35	NA	NA
JL P14	50.0	9.0	1.0	35	NA	NA

In inches

Type	L ± 2.00	D ± 0.50	d ± 0.10	l ± 2.0	P ± 0.50	L1 ± 2.0
JL P1	0.47	0.16	0.0315	1.378		
JL P1A	0.43	0.14	0.0315	1.378		
JL P1B	0.28	0.12	0.0197	1.378		
JL P2	0.47	0.2	0.0315	1.378		
JL P2A	0.51	0.22	0.0315	1.378		
JL P3	0.67	0.24	0.0315	1.378		
JL P3A	0.47	0.2	0.0315	1.378		
JL P3C	0.51	0.22	0.0315	1.378		
JL P4	0.67	0.28	0.0315	1.378		
JL P4B	0.59	0.22	0.0315	1.378		
JL P5	0.87	0.28	0.0315	1.378		
JL P5A	0.91	0.31	0.0394	1.378		
JL P5B	0.67	0.24	0.0315	1.378		
JL P6	0.91	0.31	0.0315	1.378		
JL P6A	0.94	0.33	0.0315	1.378		
JL P7	1.38	0.28	0.0315	1.378	NA	NA
JL P9	1.53	0.31	0.0315	1.378	NA	NA
JL P10	1.97	0.28	0.0315	1.378	NA	NA
JL P10A	1.77	0.31	0.0394	1.378	NA	NA
JL P12	2.13	0.31	0.0315	1.378	NA	NA
JL P14	1.97	0.35	0.0394	1.378	NA	NA

品番構成 / Ordering Code

Type	Ohmic	Tolerance	Packing	Release	Standard / Non-Std. Leads	TCR
	Value		Style	Condition		
JLP5	0.1 Ohm : 0R1 / R10	1% : F 2% : G 5% : J 10% : K	Bulk : B	Commercial : X	Standard : S 38mm : 1.5" / L Others : M	Standard a S Others a M
	1 Ohm : 1R0		Tape & Reel : T	CECC : F		
	1 KOhm : 1K0		Tape & Ammo : A	MIL : M		
	10.7 KOhm : 10K7			JSS : J		

A Sample Part No.: JLP5 1K0 FBXSS