

## Type AP / MIL-PRF-93



High Precision Wirewound Resistors

Pacific Resistor Company

- SUPERBLY RELIABLE & ACCURATE
- MIL QUALIFIED
- TC MATCHING TO +/- .5PPM
- MATCHED SETS

- Rohs versions available
- TOLERANCES 1% TO .002%
- EXCELLENT LONG-TERM STABILITY
- RESISTANCE RANGE 10 TO 30 MEGO

AVIAL PREGIONAL	RESISTOR STYLE DIMENSIONS										
<b>AXIAL PRECISION</b>		RSTYLE	COMMERCIAL	MAXIMUM	MAXIMUM						
Subminiature Series	PACIFIC	MIL	WATTAGE	OHMS	VOLTAGE	LENGTH ±010	DIAMETER ±.010	LENGTH MM	DIAMETER MM	LEA AWG	<del>~~~~~</del>
	112AP	_	.06	50K	75	.210	.100	5.3	2.5	24	.020
	118AP	-	.08	250K	100	.260	.125	6.6	3.2	24	.020
	122AP		.10	500K	100	.375	.125	9.5	3.2	24	.020
DA CIFIC	124AP	-	.10	500K	100	.312	.156	7.9	4.0	24	.020
PACIFIC ———	128AP		.125	600K	150	.250	.187	6.3	4.7	22	.025
	130AP		.15	1.2 MEG	150	.295	.187	7.5	4.7	22	.025
	134AP	-	.175	1.3 MEG	200	.375	.187	9.5	4.7	22	.025
	142AP	-	.175	750K	150	.260	.260	6.5	6.5	20	.032
	144AP	-	.2	1 MEG	200	.450	.187	11.4	4.7	22	.025
	148AP	-	.25	1.2 MEG	250	.465	.210	11.8	5.3	22	.025
AXIAL PRECISION	RESISTO	RSTYLE						DIMENSIO	N.S.		
			COMMERCIAL	MAXIMUM	MAXIMUM	LENGTH	DIAMETER	•	DIAMETER	1 = /	ADS
Miniature Series	PACIFIC	MIL	WATTAGE	OHMS	VOLTAGE	±.010	±010	MM	MM	AWG	Inch
	152AP	RB56	.20	2 MEG	200	.375	.250	9.5	6.3	20	.032
	154AP	RB56	.20	2 MEG	200	.375	.250	9.5	6.3	22	.025
	156AP	-	.25	2.5 MEG	300	.500	.250	12.7	6.3	22	.025
	160AP	RBR55	.25	2.5 MEG	300	.500	.250	12.7	6.3	20	.032
	164AP	RBR54	.35	4.5 MEG	400	.750	.250	19.1	6.3	20	.032
PACIFIC -	168AP	RBR53	.50	8 MEG	400	.750	.375	19.1	9.5	20	.032
	172AP	-	.50	4 MEG	300	.500	.375	12.7	9.5	20	.032
	176AP	-	.50	8 MEG	400	.500	.500	12.7	12.7	20	.032
	178AP	-	.50	8 MEG	400	.885	.375	22.4	9.5	20	.032
	180AP	-	.60	9 MEG	400	.625	.500	15.9	12.7	20	.032
	184AP	RBR52	.75	10 MEG	600	1.000	.375	25.4	9.5	20	.032
	188AP	RBR57	1.00	18 MEG	800	1.000	.500	25.4	12.7	20	.032
	192AP	RB58	1.50	30 MEG	900	1.500	.500	38.1	12.7	20	.032
	196AP	-	2.00	30 MEG	900	2.000	.500	50.8	12.7	20	.032
PRINTED CIRCUIT	RESISTO	R STYLE	COMMERCIAL	MAXIMUM	MAXIMUM			DIMENSIO	NS		
<b>Precision Series</b>	PACIFIC	MIL	WATTAGE	OHMS	VOLTAGE	LENGTH	DIAMETER	LEAD		LE	ADS
Frecision Series	PAGIFIC	IVIIL				±.025	±.025	SPACING		AWG	Incl
2	231PC	-	.25	500K	300	.312	.250	.150	-	22	.025
PACIFIC	253PC	RB71	.25	500K	300	.312	.250	.200	-	22	.025
₫ ·	325PC	-	.25	500K	300	.375	.250	.150	-	22	.025
<del>                                      </del>	525PC	-	.50	600K	300	.500	.250	.150	-	22	.025
	550PC	•	.70	1 MEG	400	.500	.500	.300	-	22	.025
Ш Ц	575PC	RB70	.70	800K	300	.500	.375	.200	-	20	.032
PRINTED CIRCUIT	RESISTO	R STYLE	COMMERCIAL	MAXIMUM	MAXIMUM			DIMENSIO	NS		
<b>Precision Series</b>	PACIFIC	MIL	WATTAGE	OHMS	VOLTAGE	LENGTH	DIAMETER				ADS
						±.025	±.025	SPACING		AWG	Incl
#	231PC	-	.25	500K	300	.312	.250	.150	-	22	.025
PACIFIC	253PC	RB71	.25	500K	300	.312	.250	.200	-	22	.025
2	325PC	-	.25	500K	300	.375	.250	.150	-	22	.025
	525PC	-	.50	600K	300	.500	.250	.150	-	22	.025
	550PC 575PC	- RB70	.70 .70	1 MEG	400	.500	.500	.300	-	22	.025
ט ט	9/9PC	KB/U	./0	800K	300	.500	.375	.200	-	20	.032
RADIAL PRECISION	RESISTO	RSTYLE						DIMENSIO	NS		
RADIAL PREGISION			COMMERCIAL	MAXIMUM	MAXIMUM	<u> </u>					

RADIAL PRECISION			COMMERCIAL WATTAGE	MAXIMUM OHMS	MAXIMUM VOLTAGE	DIMENSIONS					
Lead & Lug Series						LENGTH ±.025	DIAMETER ±.025	SPACING ±015	TERMINAL TYPE	MOUNTING HOLE	
	200RP	•	.125	500K	100	.250	.250	.200	AWG 22	NONE	
PACIFIC	214RP		.25	1 MEG	150	.425	.250	.277	AWG 22	#2 SCREW	
	250RP		.25	1 MEG	150	.500	.250	.400	AWG 22	NONE	
	275RP	-	.50	4 MEG	400	.500	.500	.400	AWG 20	#6 SCREW	
	285RP	-	.50	1 MEG	300	.750	.375	.600	AWG 20	#6 SCREW	
	324RP	RB08	.50	4 MEG	400	.500	.500	.325	LUG	#6 SCREW	
	350RP	-	1.00	8 MEG	800	1.00	.500	.850	AWG 20	#6 SCREW	
	372RP	RB18	2.00	10 MEG	1000	1.250	.750	1.000	LUG	#6 SCREW	

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<b>FAST RISE SERIES</b>	ES RESISTOR		COMMERCIAL	MAXIMUM	MAXIMUM	DIMENSIONS						
	PACIFIC	MIL	WATTAGE	OHMS	VOLTAGE	LENGTH ±010	DIAMETER ±.010	LENGTH MM	DIAMETER MM		ADS Inch	
	F134AP	-	.175	500K	200	.375	.187	9.5	4.7	22	.025	
PACIFIC	F160AP	RBR55	.25	1.0 MEG	300	.500	.250	12.7	6.3	20	.032	
	F164AP	RBR54	.35	1.25 MEG	400	.750	.250	19.1	6.3	20	.032	
	F168AP	RBR53	.50	5 MEG	400	.750	.375	19.1	9.5	20	.032	
	F188AP	RBR57	1.00	10 MEG	800	1.000	.500	25.4	12.7	20	.032	

HOW TO ORDER: (sample part no.) (RoHS sample part no.)	<u>134AP - 200.0201%175W</u> <u>134APE - 200.0201%175W</u>
Style — Resistance Value(ohms) — Tolerance — Watts	

STANDARD TEMPERATURE COEFFICIENT: -55 °C + 125 °C

<10 OHM ±30PPM/°C 10 TO 99 OHM ±20PPM/°C 100 OHM+ ±10PPM/°C

Lower T.C.'s available over a limited temperature range

Our high precision wirewound resistors can be manufactured with resistance values ranging from .1 ohm to 30 Meg ohms, tolerances ranging from 1% to .002% and temperature coefficients ranging from 1 PPM to 30 PPM. Pacific Resistor also manufactures temperature sensing precision resistors in the range of +100 PPM to +6000 PPM. Like all of Pacific Resistor's parts, the high precision resistors have excellent long-term stability, superb reliability and accuracy, and are manufactured to meet or exceed MIL-PRF-39005 qualifications.

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