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ATC5 Series NTC Thermistors

A range of wide tolerance NTC thermistors suitable for temperature control and temperature compensation



Part No.	Zero Power Resistance at 25°C	R25 Tolerance (±%)	B _{25/50} Value (K)	Rated Power at 25°C Pmax (mW)	Operating Temperature Range (°C)	Dissipation Factor δ(mW/°C)	Thermal Time Constant Tc(s)
	R25 (Ω)						
050ATC5-#P	5	5 or 10	2400	900	-30~+125	9	20
100ATC5-#P	10		2800				
150ATC5-#P	15		2800				
200ATC5-#P	20		2800				
250ATC5-#P	25		2900				
450ATC5-#P	45		3100				
500ATC5-#P	50		3100				
600ATC5-#P	60		3100				
850ATC5-#P	85		3200				
900ATC5-#P	90		3200				
101ATC5-#P	100		3200				
121ATC5-#P	120		3300				
151ATC5-#P	150		3300				
201ATC5-#P	200		3500				
221ATC5-#P	220		3500				
251ATC5-#P	250		3500				
301ATC5-#P	300		3800				
471ATC5-#P	470		3500				
501ATC5-#P	500		3700				
681ATC5-#P	680		3800				
701ATC5-#P	700		3800				
102ATC5-#P	1000		3800				
152ATC5-#P	1500		3950				
202ATC5-#P	2000		4000				
222ATC5-#P	2200		4000				
252ATC5-#P	2500		4000				
302ATC5-#P	3000		4000				
332ATC5-#P	3300		4000				
402ATC5-#P	4000		4000				
472ATC5-#P	4700		4050				
502ATC5-#P	5000		3950				
602ATC5-#P	6000		4050				
682ATC5-#P	6800		4050				
802ATC5-#P	8000		4050				
103ATC5-#P	10000		4050				
123ATC5-#P	12000		4050				
153ATC5-#P	15000		4150				
203ATC5-#P	20000		4250				
303ATC5-#P	30000		4250				
473ATC5-#P	47000		4300				
503ATC5-#P	50000		4300				
104ATC5-#P	100000		4400				
154ATC5-#P	150000		4500				
204ATC5-#P	200000		4600				
224ATC5-#P	220000		4600				
474ATC5-#P	470000		4750				

Note: # = R25 Tolerance: 05=5%, 10=10%