

ECN/PCN No.: M1109

For Manufacturer

Product Description: Chip NTC Thermistor		Abracon Part Number / Part Series: ABNTC-0603	<input checked="" type="checkbox"/> Series
			<input type="checkbox"/> Part Number
Affected Revision: C	New Revision: D	Application	<input type="checkbox"/> Safety
			<input checked="" type="checkbox"/> Non-Safety

Prior to Change:
 Electrical Specification Table:

Part Number	Resistance at 25°C R25 (kΩ)	B constant (25-50 °C) (K)	Max. Permissive Operating Current (25 °C) (mA)	Thermal Time Constant	Dissipation Factor (mW/°C)	Rated Electric Power (mW)
ABNTC-0603-222Δ-3950□	2.2	3950	0.67	<5sec	1.0	100
ABNTC-0603-302Δ-3950□	3.0	3950	0.55			
ABNTC-0603-472Δ-3500□	4.7	3500	0.44			
ABNTC-0603-472Δ-3950□	4.7	3950	0.46			
ABNTC-0603-502Δ-3950□	5.0	3950	0.44			
ABNTC-0603-682Δ-3950□	6.8	3950	0.38			
ABNTC-0603-103Δ-3450□	10	3450	0.31			
ABNTC-0603-103Δ-3950□	10	3950	0.33			
ABNTC-0603-153Δ-3950□	15	3950	0.25			
ABNTC-0603-223Δ-4050□	22	4050	0.21			
ABNTC-0603-333Δ-4050□	33	4050	0.17			
ABNTC-0603-473Δ-4150□	47	4150	0.14			
ABNTC-0603-503Δ-4150□	50	4150	0.13			
ABNTC-0603-683Δ-4150□	68	4150	0.12			
ABNTC-0603-104Δ-4250□	100	4250	0.10			
ABNTC-0603-154Δ-4300□	150	4300	0.08			
ABNTC-0603-224Δ-4350□	220	4350	0.06			
ABNTC-0603-334Δ-4400□	330	4400	0.05			
ABNTC-0603-474J-4000F	470	4000	0.04			
ABNTC-0603-684Δ-4500□	680	4500	0.03			
ABNTC-0603-135Δ-4700□	1300	4700	0.02			

Δ: Please specify the tolerance code of R25 (F=±1%, H=±3%, J=±5%, K=±10%).

□: Please specify the tolerance code of B value (F=±1%, H=±3%).

After Change:
 Electrical Specification Table:

Part Number	Resistance at 25°C R25 (kΩ)	R25 Tolerance	B constant (25-50 °C) (K)	B Tolerance	Max. Permissive Operating Current (25 °C) (mA)	Thermal Time Constant	Dissipation Factor (mW/ °C)	Rated Electric Power (mW)
ABNTC-0603-472Δ-3950□	4.7	H, J, K	3950	H	0.46	<5sec	1.0	100
ABNTC-0603-502Δ-3950□	5.0	H, J, K	3950	H	0.44			
ABNTC-0603-682Δ-3950□	6.8	F, H, J, K	3950	F, H	0.38			
ABNTC-0603-103Δ-3450□	10	F, H, J, K	3450	F, H	0.31			
ABNTC-0603-103Δ-3950□	10	F, H, J, K	3950	F, H	0.33			
ABNTC-0603-153Δ-3950□	15	H, J, K	3950	F, H	0.25			
ABNTC-0603-223Δ-4050□	22	F, H, J, K	4050	H	0.21			
ABNTC-0603-333Δ-4050□	33	F, H, J, K	4050	F, H	0.17			
ABNTC-0603-473Δ-4150□	47	F, H, J, K	4150	F, H	0.14			
ABNTC-0603-503Δ-4150□	50	F, H, J, K	4150	F, H	0.13			
ABNTC-0603-683Δ-4150□	68	F, H, J, K	4150	F, H	0.12			
ABNTC-0603-104Δ-4250□	100	F, H, J, K	4250	F, H	0.10			

Δ: Please specify the tolerance code of R25 (F=±1%, H=±3%, J=±5%, K=±10%).

□: Please specify the tolerance code of B value (F=±1%, H=±3%).

Cause/Reason for Change: Removed part numbers and tolerance options due to low production yield.		
Change Plan	Effective Date: 11/12/2019	Additional Remarks: N/A
Change Declaration: This notification only impacts the part numbers removed from the datasheet. A list of active and discontinued part number is included as an appendix to this document.		
Issued Date: 11/12/2019		
For Abracon EOL only		
Last Time Buy (if applicable): N/A		Alternate Part Number / Part Series: N/A
Additional Approval: N/A	Additional Approval: N/A	Additional Approval: N/A
Customer Approval (If Applicable)		
Qualification Status: <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted Note: It is considered approved if there is no feedback from customer 1 month after ECN/PCN is released		
Customer Part Number:		Customer Project:
Company Name:	Company Representative:	Representative Signature:
Customer Remarks:		