

8415 Mountain Sights Avenue • Montreal (Quebec), H4P 2B8, Canada **Tel**: (514) 739-3274 • 1-800-561-7207 • **Fax**: (514) 739-2902 • **E-mail**: sales@cantherm.com

Website: www.cantherm.com | Division of Microtherm 2014/AUGUST CMF

CMF





Chip NTC Thermistors

CMF



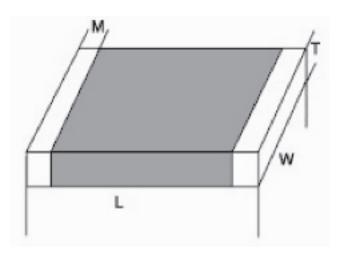
- ApplicationTemperature compensation of IC, LCD
- Transistor

- Crystal oscillator of mobile communications equipments
 Temperature sensor for rechargeable batteries
 Temperature sensor for CPU
 Temperature compensation of several kinds of circuits

Characteristics

- Miniature size
- No lead
- Ideal for high density SMT installation
 Superior solderability and resistance to soldering heat
- Ideal for wave or reflow soldering

Dimensions (mm)



Size	L	W	T	M
	(Length)	(Width)	(Thickness)	(Width of termination Point)
0402	.04± .006	.02± .004	.024 max	0.004 min
(1005)	(1.0± 0.15)	(0.5± 0.10)	(0.60 max)	(0.10 min)
0603	.063± .006	.031± .006	.037 max	.004 max
(1608)	(1.6± 0.15)	(0.8± 0.15)	(0.95 max)	(0.10 max)
0805	.08± .008	.05± .008	.05 max	.006 max
(2012)	(2.0± 0.20)	(1.25± 0.2)	(1.25 max)	(0.15 max)
1206	.126± .008	.063± .008	.063 max	.008 max
(3216)	(3.2± 0.20)	(1.6± 0.20)	(1.6 max)	(0.20 max)

Part Numbering

CMF	В		39	950	103		J		N		Т	
Chip NTC thermistor			B-va (25/8	alue 5°C)		tance C (Ω)	Tolerance		Termination		Packaging	
	Code	Inches			103	10x10 ³	F	±1%	Р	Pd	В	Bulk
	С	1206			104	10x10 ⁴	G	±2%	N	Nickel Barrier	Т	Tape & Reel
	В	0805					Н	±3%				
	Α	0603					J	±4%				
	Χ	0402					K	±10%				

0402 Series				
Part No.	Resistance at 25°C (KΩ)	B-Constant (25/85°C (K)		
CMFX3950103_	10	3950		
CMFX4050473_	47	4050		
CMFX4050104_	100	4050		

0603 Series					
Part No.	Resistance at 25°C (KΩ)	B-Constant (25/85°C (K)			
CMFA3450103_	10	3450			
CMFA3970103_	10	3970			
CMFA3900223_	22	3900			
CMFA3950473_	47	3950			
CMFA3950104_	100	3950			
CMFA3950224_	220	3950			
CMFA3550103_	10	3550			
CMFA3950683_	68	3950			
CMFA4100564_	560	4100			

0805 Series					
Part No.	Resistance at 25°C (KΩ)	B-Constant (25/85°C (K)			
CMFB3435472_	4.7	3435			
CMFB3435103_	10	3435			
CMFB3550103_	10	3550			
CMFB3900223_	22	3900			
CMFB4000473_	47	4000			
CMFB4000104_	100	4000			
CMFB3970103_	10	3970			
CMFB3200202_	2	3200			
CMFB3650153_	15	3650			
CMFB4050333_	33	4050			

1206 Series					
Part No.	Resistance at 25°C (KΩ)	B-Constant (25/85°C (K)			
CMFC3200221_	0.22	3200			
CMFC3200331_	0.33	3200			
CMFC3250471_	0.47	3250			
CMFC3350102_	1.0	3350			
CMFC3400222_	2.2	3400			
CMFC3400332_	3.3	3400			
CMFC3400472_	4.7	3400			
CMFC3400682_	6.8	3400			
CMFC3500103_	10	3500			
CMFC3900103_	10	3900			
CMFC3900153_	15	3900			
CMFC3950223_	22	3950			
CMFC4000333_	33	4000			
CMFC4100473_	47	4100			
CMFC4100683_	68	4100			
CMFC4200104_	100	4200			
CMFC4300224_	220	4300			