

Global Part Numbering Information

Vishay BCcomponents



NTC SMD

GENERAL ORDER INFORMATION															
GLOBAL PART NUMBER: NTC S 0805 E3 103 F M T															
N	T	C	S	0	8	0	5	E	3	1	0	3	F	M	T
PRODUCT FAMILY	EXECUTION	SIZE	RoHS COMPLIANCE TERMINATION TYPE			R ₂₅ VALUE			TOLERANCE ON R ₂₅		B _{25/85} VALUE			PACKAGING	
NTC	S = SMD	0805 0603 0402	E3 = NiSn E4 = AgPd			103 = 10 x 10 ³ Ω 102 = 10 x 10 ² Ω 101 = 10 x 10 ¹ Ω 109 = 10 x 10 ⁰ Ω 108 = 10 x 10 ⁻¹ Ω see spec. for values			F = 1 % G = 2 % H = 3 % J = 5 %		L (low): 3000 ≤ B _{25/85} < 3500 M (medium): 3500 ≤ B _{25/85} < 3750 H (high): 3750 ≤ B _{25/85} < 4000 X (very high): 4000 ≤ B _{25/85} < 4250			T = Paper tape	
OLD PRODUCT DESCRIPTION (12NC): 2381 615 5 3 103															
2381		615			5			3			103				
RoHS COMPLIANCE		EXECUTION			SIZE AND TYPE			TOLERANCE ON R ₂₅			R ₂₅ VALUE				
2381 = Yes 2322 = No		615 = SMD NTC			6 = Mix size NiSn 5 = 0805 NiSn 4 = 0402 NiSn 3 = 0603 NiSn 2 = 0603 AgPd 1 = 0805 AgPd			5 = 1 % 4 = 2 % 6 = 3 % 3 = 5 %			103 = 10 x 10 ³ Ω 102 = 10 x 10 ² Ω 101 = 10 x 10 ¹ Ω 109 = 10 x 10 ⁰ Ω 108 = 10 x 10 ⁻¹ Ω see spec. for values				

PRODUCT VALUE RANGE BY CASE SIZE-VISHAY BCC NTCS SERIES								
0402 SIZE			0603 SIZE			0805 SIZE		
R ₂₅ (kΩ)	B _{25/85} (K)	ORDERING PART NUMBER	R ₂₅ (kΩ)	B _{25/85} (K)	ORDERING PART NUMBER	R ₂₅ (kΩ)	B _{25/85} (K)	ORDERING PART NUMBER
4.7	3595 ± 3 %	NTCS0402E3472*MT	2	3420 ± 1 %	NTCS0603E3202*LT	2.2	3600 ± 1 %	NTCS0805E3222*MT
10	3490 ± 3 %	NTCS0402E3103*LT	2.2	3520 ± 1 %	NTCS0603E3222*MT	4.7	3500 ± 1 %	NTCS0805E3472*MT
10	3950 ± 3 %	NTCS0402E3103*HT	2.7	3600 ± 1 %	NTCS0603E3272*MT	10	3430 ± 3 %	NTCS0805E3103*LT
15	3600 ± 3 %	NTCS0402E3153*MT	4.7	3830 ± 1 %	NTCS0603E3472*HT	10	3570 ± 3 %	NTCS0805E3103*MT
22	3590 ± 3 %	NTCS0402E3223*MT	10	3430 ± 3 %	NTCS0603E3103*LT	10	3940 ± 1 %	NTCS0805E3103*HT
33	3670 ± 3 %	NTCS0402E3333*MT	10	3610 ± 1 %	NTCS0603E3103*MT	15	3700 ± 1 %	NTCS0805E3153*MT
47	4075 ± 3 %	NTCS0402E3473*XT	10	3960 ± 1 %	NTCS0603E3103*HT	22	3800 ± 1 %	NTCS0805E3223*HT
68	3910 ± 3 %	NTCS0402E3683*HT	15	3600 ± 1 %	NTCS0603E3153*MT	33	3920 ± 1 %	NTCS0805E3333*HT
100	3950 ± 3 %	NTCS0402E3104*HT	22	3730 ± 1 %	NTCS0603E3223*MT	47	3960 ± 1 %	NTCS0805E3473*HT
			33	3860 ± 1 %	NTCS0603E3333*HT	68	4100 ± 1 %	NTCS0805E3683*XT
			47	3960 ± 1 %	NTCS0603E3473*HT	100	3590 ± 1 %	NTCS0805E3104*MT
			68	3985 ± 1 %	NTCS0603E3683*HT	100	4100 ± 1 %	NTCS0805E3104*XT
			100	4100 ± 1 %	NTCS0603E3104*XT	330	3930 ± 1 %	NTCS0805E3334*HT
						470	4025 ± 1 %	NTCS0805E3474*XT
						680	4125 ± 1 %	NTCS0805E3684*XT

Note

- Replace * by F, G, H, J for respectively tolerances of 1 %, 2 %, 3 %, or 5 %