



NTC Assemblies 2

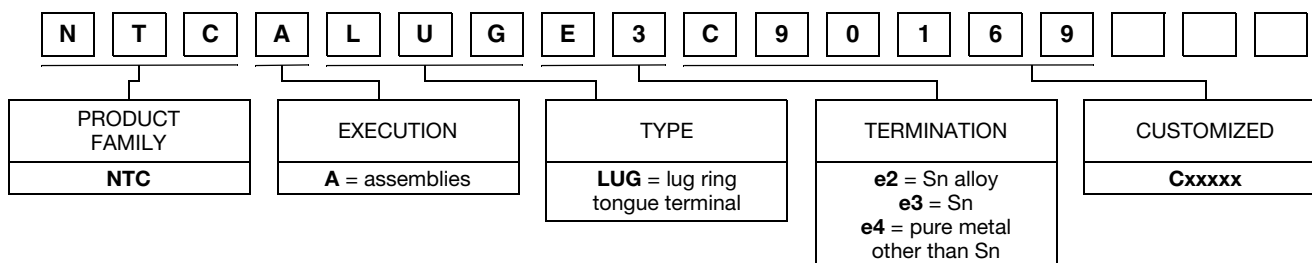
GENERAL ORDER INFORMATION																																	
Part Number: NTC A SCW E3 103 J																																	
N		T		C		A		S		C		W		E		3		1		0		3		J									
PRODUCT FAMILY		EXECUTION				TYPE				RoHS COMPLIANCE TERMINATION TYPE				R ₂₅ VALUE				TOLERANCE ON R ₂₅				OPTIONAL LEAD LENGTH AND B VALUE											
NTC		A = assemblies				IMM = immersion type CAP = plastic cap LUG = lug, ring tongue (refer to page 2) SCW = screw PIP = pipe EPX = epoxy KIT = kit, grouping of sensors SRF = surface sensors SLV = sleeve SPE = special				E2 = Sn alloy E3 = pure Sn E4 = silver CL = not RoHS				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. Cxxxxx = customized				F = 1 % G = 2 % H = 3 % J = 5 % K = 10 %				'abc' = blank: standard length and standard B 'abc' = L: low B value 'abc' = ab: bare length, c: length multiplier and B value c = 0: x 10 ⁰ and standard B c = 1: x 10 ¹ and standard B c = 2: x 10 ² and standard B c = 4: x 10 ⁰ and low B c = 5: x 10 ¹ and low B c = 6: x 10 ² and low B Examples: 520 = 52 x 10 ⁰ = 52 mm and 3984K 251 = 25 x 10 ¹ = 250 mm and 3984K 155 = 15 x 10 ¹ = 150 mm and 3435K 106 = 10 x 10 ² = 1000 mm and 3435K											
Product Description: 2381 640 7 3 103																																	
2381					640					7					3					103													
RoHS COMPLIANCE					EXECUTION					TYPE					TOLERANCE ON R ₂₅					R ₂₅ VALUE													
2381 = yes 2322 = no					640 = standard NTC assemblies 641 = NTC insulated leads, customized PVC series 645 = NTC assemblies, sensors					7 = screw type 9..... = customized					5 = 1 % 4 = 2 % 6 = 3 % 3 = 5 % 2 = 10 %					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.													

EXAMPLES:

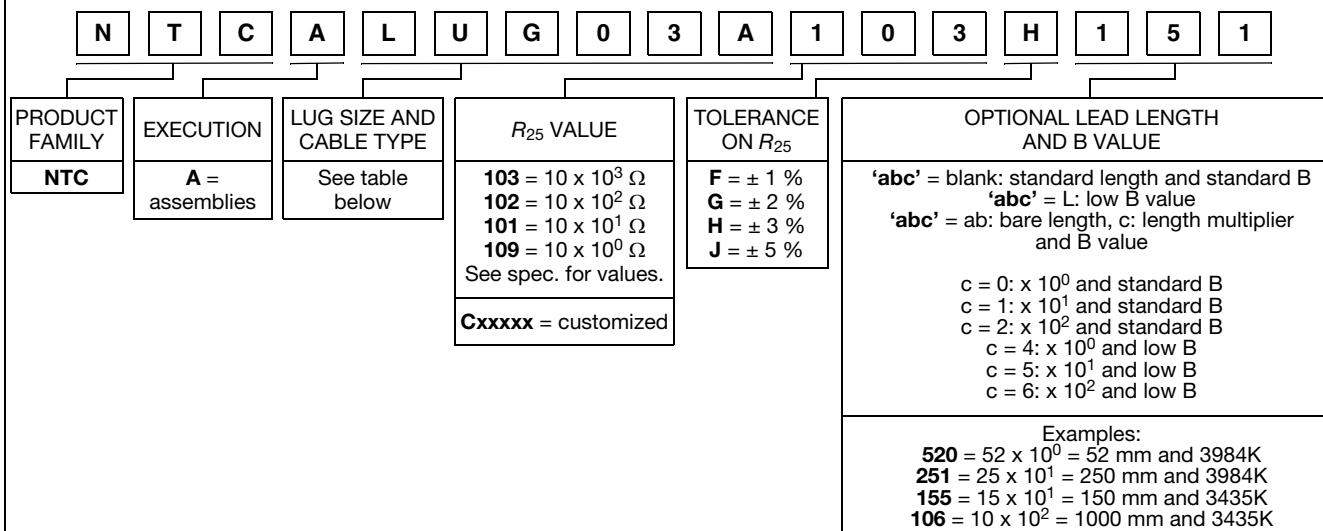
- NTC A SCW E3 103 J NTC assemblies screw type e3 termination 10 k Ω 5 %.
- NTC A CAP E3 C90066 NTC assemblies plastic cap type e3 customized.

**GENERAL ORDER INFORMATION**

Part Number: NTC A LUG E3 C90169



Part Number: NTC A LUG03A 103 H 151

**LUG SIZE AND CABLE TYPE**

TYPE	STUD SCREW SIZE (METRIC)	STUD SCREW SIZE (INCH)	HOLE Ø (mm)	WIDTH (mm)	LENGTH (mm)	APPLICABLE WIRE SIZE	CONDUCTOR SIZE ⁽¹⁾	INSULATION TYPE	CABLE INSULATION Ø (mm)
LUG01A	3.5	5 to 6	3.70	7.20	15.70	awg#30 to awg#24	awgt#24 SPC	PTFE	1.12
LUG01B	3.5	5 to 6	3.70	7.20	15.70	awg#30 to awg#24	awgt#30 TPC	UL2651 PVC	1.00
LUG91A	M4	8	4.30	7.20	15.70	awg#30 to awg#24	awgt#24 SPC	PTFE	1.12
LUG02A	3.5	5 to 6	3.70	8.50	16.80	awg#30 to awg#26	awgt#30 SPNi	PEEK	0.56
LUG03A MINI LUG	M2	1 to 2	2.20	5.50	11.50	awg#32	awgt#32 SPNi	PEI	0.35
LUG39A MINI LUG	M3	3 to 4	3.20	5.50	11.50	awg#32	awgt#32 SPNi	PEI	0.35
LUG04A	3.5	5 to 6	3.70	7.20	15.70	n/a	Ø 0.50 TPNi	N/A	N/A

Note⁽¹⁾ AWG = American wire gage, TPC = tin plated copper, SPNi = silver plated nickel.**EXAMPLES:**

- NTC A LUG03A 103 H NTC Mini LUG 10K 3 % 70 mm (standard length).
- NTC A LUG03A 103 H 201 NTC Mini LUG 10K 3 % 200 mm and standard B_{25/85} = 3984K.
- NTC A LUG03A 103 H 205 NTC Mini LUG 10K 3 % 200 mm and low B_{25/85} = 3435K.
- NTC A LUG E2 C90169 NTC LUG customized.