



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 = $10 \times 10^3 \Omega$ 102 = $10 \times 10^2 \Omega$ 101 = $10 \times 10^1 \Omega$ 109 = $10 \times 10^0 \Omega$ 108 = $10 \times 10^{-1} \Omega$ 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: $\times 10^0$ and standard B c = 1: $\times 10^1$ and standard B c = 2: $\times 10^2$ and standard B c = 4: $\times 10^0$ and low B c = 5: $\times 10^1$ and low B c = 6: $\times 10^2$ and low B Examples: 520 = $52 \times 10^0 = 52$ mm and 3984K 251 = $25 \times 10^1 = 250$ mm and 3984K 155 = $15 \times 10^1 = 150$ mm and 3435K 106 = $10 \times 10^2 = 1000$ 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 = $10 \times 10^3 \Omega$ 102 = $10 \times 10^2 \Omega$ 101 = $10 \times 10^1 \Omega$ 109 = $10 \times 10^0 \Omega$ 108 = $10 \times 10^{-1} \Omega$ See spec. for values.								

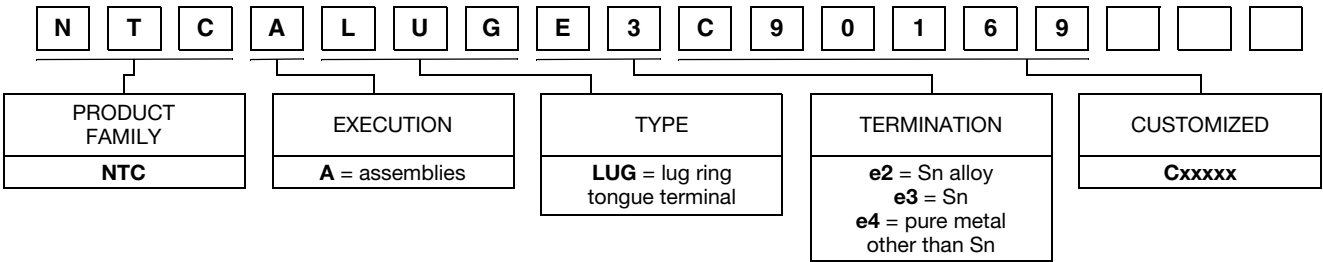
EXAMPLES:

- 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.

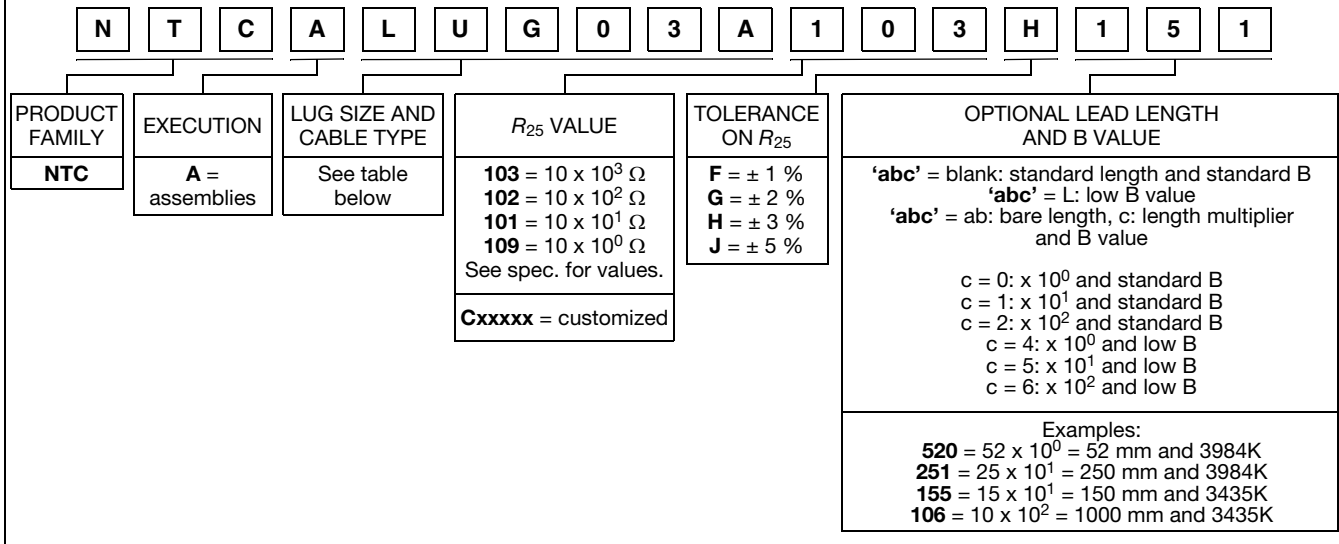


GENERAL ORDER INFORMATION

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 TYOE	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.