

Document Receipt Acknowledgement
Date:
Section:
Name:



Document Number: D06818-A-G0040  
 PD Ref.: E267-N38E  
 Date: Sep. 1, 2023

Attention:

**ANGLIA COMPONENTS LTD**

## Product Withdrawal Notice

NTC thermistors NXF\*15\*\*\*\*\*A1B/A2B/A4R/A5B/A6B/C2B Series (Cu lead wire type)

Dear. Valued Customer

Thank you very much for your great and continued support for business with Murata.  
 This is the official notification that some of our products will be discontinued as detailed below.  
 Please review this, and approve in writing by Approval Due Date.  
 Also, please place Last Time Buy Order by the Last Time Order Due Date as needed.  
 Your understanding and support are highly appreciated.

**1. Product Type, Customer/Murata/Alternative Part Numbers:**

Product Type: NTC thermistors NXF\*15\*\*\*\*\*A1B/A2B/A4R/A5B/A6B/C2B Series (Cu lead wire type)  
 Please refer to the attached documents for detailed Part Numbers' information.

	Product withdrawal items	Murata alternative items
Twist type	NXFT(S)-A1B series wire material : Cu 	None
Non-Twist type Product Hight (H:21mm to 50mm)	NXFT(S)-A2B series wire material : Cu 	NXFT(S)-EAB series wire material : Cu-Ni 
Non-Twist type Product Hight (over 51mm)	NXFT(S)-A2B/A4R/A5B /A6B/C2B*1 series wire material : Cu 	None

\*1: wire material of "C2B" is Cu-Ni

**2. Reasons/Background:**

Since new series(NXFT(S)-EAB), which has the same characteristics, have been launched in 2017, demand and production volume of NXFT(S)-A1B/A2B/A4R/A5B/A6B/C2B series have been shrinking and with obsoleted production equipment.

Therefore, we made decision of discontinued production of NXFT(S)-A1B series.

**3. Approval Due: Dec., 31, 2024**

Please review this, and reply to Sales for this Notice in writing by Due Date.

In case we do not get any contacts by the Due Date,

we will assume that this Notice with all its contents has been accepted.

**4. Product Withdrawal Schedule:**

Last Time Order Due (\*): Mar. 31, 2025

Last Shipment Date: Mar. 31, 2026

- \*: Last Time Order is the subject to Minimum Order Quantity and Package Quantity.  
 Order Cancel and Product Return can be accepted only in the case of quality issue.  
 Please place Last Time Buy Order by the Last Time Order Due Date as needed.  
 We cannot receive any orders after Last Time Order Due.

**5. Contact Window:**

Should you have any questions or concerns,

please contact Murata Sales, Representative, or Distributor in your area.

Truly Yours. Thank you.

Murata Manufacturing, Co., Ltd.  
Product Engineering Department, Functional Device Division  
General Manager, Takahiro Takagi



Document Number: D06818-A-G0040  
PD Ref.: E267-N38E

## Confirmation Letter

**ANGLIA COMPONENTS LTD**

Murata Manufacturing, Co., Ltd.

### **Product Withdrawal Confirmation**

Product Type: NTC thermistors NXF\*15\*\*\*\*\*A1B/A2B/A4R/A5B/A6B/C2B Series (Cu lead wire type)  
Please refer to the attached documents for detailed Part Numbers' information.

**Last Time Order Due: Mar. 31, 2025**

**Last Shipment Date: Mar. 31, 2026**

Product Withdrawal detailed below is

- accepted, and we will not place Last Time Order.
- accepted, and we will place Last Time Order as below.

Last Time Order Schedule:

Last Shipment Schedule:

Comments, Questions, etc.

Signature  
Date: (MM, DD, YYYY)

Title:

Name:

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	種類 Variety	村田品番 P/N	長さ Length of Product (mm)	ねじり Torsion	抵抗値 Resistance at.25℃ (Ω)	B定数 B-constant 25/50℃ (K)	最大動作電流 Maximum Operating Current (mA)	使用/保存温度範囲 Operating/Storage Temperature Range (℃)	熱放散定数 Thermal Dissipation Constant (mW/℃)	定格電力 Rated Electric Power (mW)	熱時定数 Thermal Time Constant (s)
車載 Automotive	廃止品(EOL item) NXFS (CU terminal)	NXFS15XH103FA1B***	25~150 5mm/step	有 With	10k±1%	3380±1%	0.12	-40~+150	1.5	7.5	約 Approx. 4
		NXFS15XV103FA1B***			10k±1%	3936±1%	0.12	-40~+150	1.5	7.5	約 Approx. 4
		NXFS15XV302FA1B***			3k±1%	3936±1%	0.22	-40~+125	1.5	7.5	約 Approx. 4
		NXFS15WF104FA1B***			100k±1%	4250±1%	0.04	-40~+150	1.5	7.5	約 Approx. 4
		NXFS15WB473FA1B***			47k±1%	4050±1%	0.06	-40~+150	1.5	7.5	約 Approx. 4
		NXFS15XH103FA2B***	25~150 5mm/step	無 Without	10k±1%	3380±1%	0.12	-40~+150	1.5	7.5	約 Approx. 4
		NXFS15XV103FA2B***			10k±1%	3936±1%	0.12	-40~+150	1.5	7.5	約 Approx. 4
		NXFS15XV302FA2B***			3k±1%	3936±1%	0.22	-40~+125	1.5	7.5	約 Approx. 4
		NXFS15WF104FA2B***			100k±1%	4250±1%	0.04	-40~+150	1.5	7.5	約 Approx. 4
		NXFS15WB473FA2B***			47k±1%	4050±1%	0.06	-40~+150	1.5	7.5	約 Approx. 4
	NXFS15XM202EA2B***	2k±3%	3500±3%	0.27	-40~+140	1.5	7.5	約 Approx. 4			
	代替品(Alternative item) NXFS (CN terminal)	NXFS15XH103FEAB***	21, 25~50 5mm/step	無 Without	10k±1%	3380±1%	0.077	-40~+150	0.6	3.0	約 Approx. 3
		NXFS15XV103FEAB***			10k±1%	3936±1%	0.077	-40~+150	0.6	3.0	約 Approx. 3
		NXFS15WB473FEAB***			47k±1%	4050±1%	0.036	-40~+150	0.6	3.0	約 Approx. 3
		NXFS15WF104FEAB***			100k±1%	4250±1%	0.024	-40~+150	0.6	3.0	約 Approx. 3
		NXFS15XV502FEAB***			5k±1%	3936±1%	0.11	-40~+150	0.6	3.0	約 Approx. 3
		NXFS15XV302FEAB***			3k±1%	3936±1%	0.14	-40~+125	0.6	3.0	約 Approx. 3
NXFS15XW222EEAB***		2.2k±3%			3950±3%	0.17	-40~+125	0.6	3.0	約 Approx. 3	

## 廃止品と代替品の初期特性比較 initial characteristics comparison between EOL product and alternative product

代表品番(車載) Representative Part number(Automotive)					
EOL NXFS15XH103FA2B025			Alternative NXFS15XH103FEAB050		
No.	R25	B25/50	No.	R25	B25/50
	(kΩ)	(K)		(kΩ)	(K)
1	9997.287	3377.862	1	10016.528	3379.410
2	9976.049	3375.908	2	10002.372	3379.703
3	10011.142	3378.446	3	9987.674	3378.468
4	9953.732	3378.477	4	9991.202	3378.310
5	9981.285	3378.412	5	10024.708	3377.975
6	9999.647	3377.693	6	9966.872	3378.351
7	10024.342	3378.620	7	10009.047	3381.232
8	9995.134	3378.351	8	10023.120	3378.830
9	10011.763	3379.462	9	9988.603	3378.548
10	10015.287	3380.498	10	10035.113	3379.485
11	9966.371	3379.450	11	9985.597	3376.891
12	9993.466	3380.428	12	9963.691	3378.915
13	10024.463	3379.546	13	9968.279	3379.234
14	9990.252	3379.531	14	9989.381	3378.133
15	10011.239	3379.916	15	10029.847	3379.886
16	9975.113	3379.611	16	10009.617	3379.343
17	9933.231	3378.338	17	10046.968	3379.678
18	10018.717	3380.929	18	10034.867	3378.150
19	9998.460	3379.120	19	10032.539	3380.422
20	9993.620	3379.236	20	10036.865	3379.332
21	9953.950	3376.896	21	9979.667	3378.071
22	9989.575	3378.677	22	10026.353	3380.312
23	10007.850	3379.001	23	10006.255	3378.584
24	9977.815	3378.381	24	10003.564	3378.742
25	9995.808	3378.773	25	9990.943	3381.910
26	9988.701	3377.836	26	10001.857	3379.784
27	9948.604	3376.234	27	10020.882	3379.635
28	9998.423	3378.402	28	10016.171	3379.556
29	9998.069	3379.263	29	9994.138	3377.721
30	10027.215	3377.679	30	9990.064	3378.143
<b>Xber</b>	9991.887	3378.699	<b>Xber</b>	10005.759	3379.092
<b>Xmax</b>	10027.215	3380.929	<b>Xmax</b>	10046.968	3381.910
<b>Xmin</b>	9933.231	3375.908	<b>Xmin</b>	9963.691	3376.891
<b>σ</b>	23.482	1.148	<b>σ</b>	22.548	1.060
<b>3 c v</b>	0.71%	0.10%	<b>3 c v</b>	0.68%	0.09%
<b>UL</b>	10100	3414	<b>UL</b>	10100	3414
<b>SL</b>	9900	3346	<b>SL</b>	9900	3346
<b>cpk</b>	1.30	9.44	<b>cpk</b>	1.39	10.35

代表品番(車載) Representative Part number(Automotive)					
EOL NXFS15XV302FA2B025			Alternative NXFS15XV302FEAB050		
No.	R25	B25/50	No.	R25	B25/50
	(kΩ)	(K)		(kΩ)	(K)
1	3012.600	3933.723	1	2980.773	3928.726
2	3011.456	3932.887	2	3011.626	3932.889
3	2990.617	3933.055	3	3000.752	3932.93
4	3009.439	3933.53	4	2997.258	3930.446
5	3003.546	3934.091	5	2987.996	3930.402
6	2990.546	3933.729	6	3007.567	3930.376
7	3015.165	3932.664	7	2998.249	3931.34
8	2984.83	3931.487	8	2991.552	3929.778
9	2997.874	3933.503	9	3012.027	3931.341
10	3008.579	3936.428	10	2997.561	3931.697
11	2984.826	3934.114	11	2989.509	3931.961
12	3003.867	3932.61	12	2992.086	3933.455
13	2993.567	3931.29	13	2994.733	3934.728
14	2986.659	3933.577	14	3000.867	3933.652
15	3003.222	3934.311	15	2994.446	3933.061
16	3007.194	3933.356	16	3001.049	3928.713
17	2993.233	3934.062	17	3002.043	3930.131
18	3006.594	3933.534	18	2990.218	3931.723
19	3005.183	3931.442	19	2988.864	3928.034
20	3013.241	3932.67	20	3005.381	3929.295
21	2998.066	3931.679	21	3003.002	3932.153
22	2996.561	3929.838	22	3009.506	3933.384
23	2986.953	3933.656	23	2996.411	3936.423
24	3019.015	3934.19	24	3017.081	3932.375
25	2993.485	3933.223	25	3004.128	3936.127
26	2988.078	3931.562	26	3001.263	3933.251
27	2994.592	3934.413	27	2998.141	3935.076
28	3018.350	3933.582	28	3002.878	3932.994
29	2988.434	3932.961	29	3011.600	3936.111
30	3016.566	3933.274	30	2986.940	3932.065
<b>Xber</b>	3000.745	3933.148	<b>Xber</b>	2999.184	3932.155
<b>Xmax</b>	3019.015	3936.428	<b>Xmax</b>	3017.081	3936.423
<b>Xmin</b>	2984.826	3929.838	<b>Xmin</b>	2980.773	3928.034
<b>σ</b>	10.852	1.244	<b>σ</b>	8.600	2.225
<b>3 c v</b>	1.08%	0.09%	<b>3 c v</b>	0.86%	0.17%
<b>UL</b>	3030	3975	<b>UL</b>	3030	3975
<b>SL</b>	2970	3897	<b>SL</b>	2970	3897
<b>cpk</b>	0.90	9.79	<b>cpk</b>	1.13	5.32

Item 項目	Test Condition and Criteria 試験条件と判断条件	代替品(Alternative) Automotive : NXFS15XH103FEAB*** (CN terminal)		廃止品(EOL) Automotive NXFS15XH103FA*B*** (CU terminal)	
		Resistance(R25) change 抵抗値 (R25) 変化率	B-constant(B25/50) change B定数 (B25/50) 変化率	Resistance(R25) change 抵抗値 (R25) 変化率	B-constant(B25/50) change B定数 (B25/50) 変化率
Dry heat1 高温放置1	Test Condition: +125°C±2°C in air, without loading, 1000+48/-0hr. 試験条件: +125°C±2°C, 空气中, 1000+48/-0hr Criteria: Resistance(R25) change shall be less than ±1% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±1%以内 B定数 (B25/50) 変化率 ±1%以内				
Cold 低温放置	Test Condition: -40+0/-3°C in air, without loading, 1000+48/-0hr. 試験条件: -40°C+0/-3°C, 空气中, 1000+48/-0hr Criteria: Resistance(R25) change shall be less than ±1% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±1%以内 B定数 (B25/50) 変化率 ±1%以内				
Dry heat2 高温放置2	Test Condition: +150°C±2°C in air, without loading, 1000+48/-0hr. 試験条件: +150°C±2°C, 空气中, 1000+48/-0hr Criteria: Resistance(R25) change shall be less than ±5% B-constant(B25/50) change shall be less than ±2% 判定条件: 抵抗値 (R25) 変化率 ±5%以内 B定数 (B25/50) 変化率 ±2%以内				
High temperature with continuous load 高温連続負荷	Test Condition: +150±2°C in air, with maximum operating current, 1000+48/-0hr. 試験条件: +150°C±2°C, 最大動作電流, 空气中, 1000+48/-0hr Criteria: Resistance(R25) change shall be less than ±5% B-constant(B25/50) change shall be less than ±2% 判定条件: 抵抗値 (R25) 変化率 ±5%以内 B定数 (B25/50) 変化率 ±2%以内				
Damp Heat 耐湿放置	Test Condition: +85±2°C, 85%RH in air, without loading, 1000+48/-0hr. 試験条件: +85°C±2°C, 85%RH, 空气中, 1000+48/-0hr Criteria: Resistance(R25) change shall be less than ±2% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±2%以内 B定数 (B25/50) 変化率 ±1%以内				
High Temperature Humidity with continuous Load 耐湿連続負荷	Test Condition: +85±2°C, 85%RH in air, with maximum operating current, 1000+48/-0hr. 試験条件: +85°C±2°C, 85%RH, 最大動作電流, 空气中, 1000+48/-0hr Criteria: Resistance(R25) change shall be less than ±2% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±2%以内 B定数 (B25/50) 変化率 ±1%以内				
Thermal Shock 熱衝撃	Test Condition: 1000 cycles of following sequence, without loading. -55°C+0/-3°C (30min)→+150°C+3/-0°C (30min) 試験条件: 1000サイクル, 空气中, -55°C+0/-3°C(30分)→+150°C+3/-0°C(30分) Criteria: Resistance(R25) change shall be less than ±5% B-constant(B25/50) change shall be less than ±2% 判定条件: 抵抗値 (R25) 変化率 ±5%以内 B定数 (B25/50) 変化率 ±2%以内				
Dielectric breakdown voltage 絶縁耐圧	Test Condition: 2mm length of coating resin from the top of Thermo String is to be dipped into beads of lead(Pb), and DC100V 1minute is applied to circuit between beads of lead(Pb) and lead wire. 試験条件: サーモストリングの塗装部を鉛散弾中に先端から2mm埋没させて、鉛散弾とリード線間にDC100Vを1分間印加する。 Criteria: No damage to electrical characteristics on D.C.100V, 1min. 判定条件: D.C.100V1分で異常ないこと。	異常なし No damage		異常なし No damage	

	種類 Variety	村田品番 P/N	長さ Length of Product  (mm)	ねじり Torsion	抵抗値	B定数	最大動作電流	使用/保存温度範囲	熱放散定数	定格電力	熱時定数
					Resistance at.25℃  (Ω)	B-constant 25/50℃  (K)	Maximum Operating Current  (mA)	Operating/Storage Temperature Range  (℃)	Thermal Dissipation Constant  (mW/℃)	Rated Electric Power  (mW)	Thermal Time Constant  (s)
民生 Consumer	廃止品(EOL item) NXFT (CU terminal)	NXFT15XH103FA1B***	25~150 5mm/step	有 With	10k±1%	3380±1%	0.12	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15XV103FA1B***			10k±1%	3936±1%	0.12	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15XV302FA1B***			3k±1%	3936±1%	0.22	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15WF104FA1B***			100k±1%	4250±1%	0.04	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15WB473FA1B***			47k±1%	4050±1%	0.06	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15XH103FA2B***	25~150 5mm/step	無 Without	10k±1%	3380±1%	0.12	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15XV103FA2B***			10k±1%	3936±1%	0.12	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15XV302FA2B***			3k±1%	3936±1%	0.22	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15WF104FA2B***			100k±1%	4250±1%	0.04	-40~+125	1.5	7.5	約 Approx. 4
		NXFT15WB473FA2B***			47k±1%	4050±1%	0.06	-40~+125	1.5	7.5	約 Approx. 4
	NXFT15XM202EA2B***			2k±3%	3500±3%	0.27	-40~+125	1.5	7.5	約 Approx. 4	
	代替品(Consumer item) NXFT (CN terminal)	NXFT15XH103FEAB***	21, 25~50 5mm/step	無 Without	10k±1%	3380±1%	0.077	-40~+125	0.6	3.0	約 Approx. 3
		NXFT15XV103FEAB***			10k±1%	3936±1%	0.077	-40~+125	0.6	3.0	約 Approx. 3
		NXFT15WB473FEAB***			47k±1%	4050±1%	0.036	-40~+125	0.6	3.0	約 Approx. 3
NXFT15WF104FEAB***		100k±1%			4250±1%	0.024	-40~+125	0.6	3.0	約 Approx. 3	
NXFT15XV502FEAB***		5k±1%			3936±1%	0.11	-40~+125	0.6	3.0	約 Approx. 3	
NXFT15XV302FEAB***		3k±1%			3936±1%	0.14	-40~+125	0.6	3.0	約 Approx. 3	
NXFT15XW222EEAB***		2.2k±3%			3950±3%	0.17	-40~+125	0.6	3.0	約 Approx. 3	

## 廃止品と代替品の初期特性比較 initial characteristics comparison between EOL product and alternative product

代表品番(民生) Representative Part number(Consumer)					
EOL NXFT15XH103FA2B150			Alternative NXFT15XH103FEAB050		
No.	R25	B25/50	No.	R25	B25/50
	(kΩ)	(K)		(kΩ)	(K)
1	10016.528	3379.410	1	10023.354	3378.853
2	10002.372	3379.703	2	10007.336	3378.059
3	9987.674	3378.468	3	10028.625	3380.111
4	9991.202	3378.310	4	10045.163	3379.300
5	10024.708	3377.975	5	10017.295	3380.232
6	9966.872	3378.351	6	10013.181	3379.524
7	10009.047	3381.232	7	9994.144	3377.540
8	10023.120	3378.830	8	10033.739	3379.791
9	9988.603	3378.548	9	10017.104	3380.949
10	10035.113	3379.485	10	10010.330	3379.523
11	9985.597	3376.891	11	10038.549	3379.317
12	9963.691	3378.915	12	10000.254	3378.636
13	9968.279	3379.234	13	10045.538	3379.051
14	9989.381	3378.133	14	10002.993	3378.210
15	10029.847	3379.886	15	10018.671	3378.006
16	10009.617	3379.343	16	9959.878	3376.878
17	10046.968	3379.678	17	10000.956	3377.598
18	10034.867	3378.150	18	10034.640	3378.643
19	10032.539	3380.422	19	9996.144	3379.665
20	10036.865	3379.332	20	9990.646	3376.944
21	9979.667	3378.071	21	10006.799	3378.585
22	10026.353	3380.312	22	10000.591	3378.872
23	10006.255	3378.584	23	10016.027	3377.982
24	10003.564	3378.742	24	9970.294	3378.359
25	9990.943	3381.910	25	10012.761	3375.517
26	10001.857	3379.784	26	9996.098	3378.257
27	10020.882	3379.635	27	10019.043	3380.146
28	10016.171	3379.556	28	9975.940	3380.008
29	9994.138	3377.721	29	10000.806	3378.771
30	9990.064	3378.143	30	10012.743	3380.512
<b>Xber</b>	10005.759	3379.092	<b>Xber</b>	10009.655	3378.795
<b>Xmax</b>	10046.968	3381.910	<b>Xmax</b>	10045.538	3380.949
<b>Xmin</b>	9963.691	3376.891	<b>Xmin</b>	9959.878	3375.517
<b>σ</b>	22.548	1.060	<b>σ</b>	20.347	1.199
<b>3 c v</b>	0.68%	0.09%	<b>3 c v</b>	0.61%	0.11%
<b>UL</b>	10100	3414	<b>UL</b>	10100	3414
<b>SL</b>	9900	3346	<b>SL</b>	9900	3346
<b>cpk</b>	1.39	10.35	<b>cpk</b>	1.48	9.06

代表品番(民生) Representative Part number(Consumer)					
EOL NXFT15XV302FA2B025			Alternative NXFT15XV302FEAB025		
No.	R25	B25/50	No.	R25	B25/50
	(kΩ)	(K)		(kΩ)	(K)
1	2989.733	3934.026	1	3012.603	3936.298
2	2978.255	3935.739	2	2993.820	3936.316
3	2981.174	3933.582	3	3003.364	3935.284
4	2996.545	3938.246	4	2991.018	3934.951
5	3007.016	3936.200	5	3006.106	3937.023
6	2979.930	3937.327	6	2988.298	3935.100
7	2994.349	3935.985	7	2998.204	3937.027
8	3012.586	3936.945	8	2980.120	3936.967
9	2989.200	3937.679	9	2990.106	3937.536
10	3003.074	3936.859	10	3007.381	3934.482
11	3008.345	3936.500	11	2984.488	3938.921
12	2987.511	3936.219	12	2997.230	3937.991
13	3008.080	3935.034	13	2995.256	3935.844
14	2996.474	3937.197	14	3010.104	3940.106
15	3011.508	3937.714	15	2987.409	3937.230
16	2979.001	3936.015	16	2984.753	3936.436
17	3004.710	3936.780	17	2992.512	3936.646
18	2996.265	3937.364	18	2987.973	3936.541
19	2995.263	3935.803	19	3001.051	3937.399
20	3005.981	3936.048	20	3013.434	3936.601
21	2988.438	3934.003	21	2988.600	3934.866
22	2986.284	3936.194	22	2995.372	3934.404
23	2985.566	3935.205	23	3006.998	3936.362
24	3003.352	3935.505	24	2983.045	3935.367
25	3013.057	3934.966	25	3009.126	3937.912
26	2989.394	3935.978	26	3010.829	3934.487
27	3010.451	3936.500	27	3015.075	3939.016
28	2984.659	3936.766	28	2989.611	3935.853
29	2989.376	3937.256	29	3007.280	3935.959
30	2987.278	3937.330	30	3013.354	3936.678
<b>Xber</b>	2995.429	3936.232	<b>Xber</b>	2998.151	3936.520
<b>Xmax</b>	3013.057	3938.246	<b>Xmax</b>	3015.075	3940.106
<b>Xmin</b>	2978.255	3933.582	<b>Xmin</b>	2980.120	3934.404
<b>σ</b>	10.987	1.141	<b>σ</b>	10.688	1.392
<b>3 c v</b>	1.10%	0.09%	<b>3 c v</b>	1.07%	0.11%
<b>UL</b>	3030	3975	<b>UL</b>	3030	3975
<b>SL</b>	2970	3897	<b>SL</b>	2970	3897
<b>cpk</b>	0.77	11.43	<b>cpk</b>	0.88	9.30



Item 項目	Test Condition and Criteria 試験条件と判断条件	代替品(Alternative) Consumer : NXFT15XH103FEAB*** (CN terminal)		廃止品(EOL) Consumer NXFT15XH103FA*B*** (CU terminal)	
		Resistance(R25) change 抵抗値 (R25) 変化率	B-constant(B25/50) change B定数 (B25/50) 変化率	Resistance(R25) change 抵抗値 (R25) 変化率	B-constant(B25/50) change B定数 (B25/50) 変化率
Dry heat 高温放置	Test Condition: +125°C±2°C in air, without loading, 1000hr. 試験条件: +125°C±2°C, 空气中, 1000hr Criteria: Resistance(R25) change shall be less than ±1% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±1%以内 B定数 (B25/50) 変化率 ±1%以内				
Cold 低温放置	Test Condition: -40+0/-3°C in air, without loading, 1000hr. 試験条件: -40°C+0/-3°C, 空气中, 1000hr Criteria: Resistance(R25) change shall be less than ±1% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±1%以内 B定数 (B25/50) 変化率 ±1%以内				
Damp heat 耐湿放置	Test Condition: +60±2°C, 90 to 95%RH in air, without loading, 1000hr. 試験条件: +60°C±2°C, 90~95%RH, 空气中, 1000hr Criteria: Resistance(R25) change shall be less than ±2% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±2%以内 B定数 (B25/50) 変化率 ±1%以内				
Change of temperature 温度変化	Test Condition: 100 cycles of following sequence, without loading. 試験条件: -40°C+0/-3°C (30min)⇒Room Temp(10 to 15min)⇒+125±2°C (30min) Criteria: Resistance(R25) change shall be less than ±2% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±2%以内 B定数 (B25/50) 変化率 ±1%以内				
High temperature with continuous load 高温連続負荷	Test Condition: +85±2°C in air, with Maximum operating current, 1000hr. 試験条件: +85°C±2°C, 最大動作電流, 空气中, 1000hr Criteria: Resistance(R25) change shall be less than ±2% B-constant(B25/50) change shall be less than ±1% 判定条件: 抵抗値 (R25) 変化率 ±2%以内 B定数 (B25/50) 変化率 ±1%以内				
Dielectric breakdown voltage 絶縁耐圧	Test Condition: 2mm length of coating resin from the top of Thermo String is to be dipped into beads of lead(Pb), and DC100V 1minute is applied to circuit between beads of lead(Pb) and lead wire. 試験条件: サーマストリングの塗装部を鉛散弾中に先端から2mm埋没させて、鉛散弾とリード線間にDC100Vを1分間印加する。 Criteria: No damage to electrical characteristics on D.C.100V, 1min. 判定条件: D.C.100V1分で異常ないと。	異常なし No damage		異常なし No damage	