

Document Receipt Acknowledgement

Date:
Section:
Name:



Document No.: D2T2-N18E-D0584

Date; Oct.,2nd,2015

Attention:**PK COMPONENTS ELEKT.BAUELEM. VERTR. GMBH****Product Withdrawal Notice**

Lead Type NTC Thermistor: NTSD Series

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 indicate your feedback for this Notice in writing by Feedback Due.
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: NTSD Series

Please refer to the attached documents for detailed Part Numbers' information.

2. Reasons/Background:

Due to its unique insulated lead structure and legacy design, NTSD Series is getting difficult to meet the market price, and compliant with the latest environmental requirements, especially for high temperature solder including lead. Thus, it is decided to be discontinued for this time.

3. Product Withdrawal Schedule:**Last Time Order Due (*):** Jun.,30,2016

End of Production: Sep.,30,2016

Last Date of Shipment: Dec.,31,2016

* :We are required to evaluate Resin Material Change by Supplier, because they would like to change production location.We don't like to apply this Material Change to customers,so we advance the Last Production Date about 6 months before we issued the date than the previous announcement. 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 note the Last Time Order Date is now set on June 30, 2016, which is pulled-in about 6 months from the last year in Promotion Stop Notice.

This change is for avoiding any impacts by the Resin Material supplier's production location change.

4. Feedback Due:**March-31-2016**

Please indicate your feedback to Murata in writing by the Feedback Due, whether you approve this Notice or need further discussion and/or adjustments with Murata.

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.

Senior Manager / Thermistor and Variable Products Dept.

Takayuki Kaneko

Confirmation Letter

PK COMPONENTS ELEKT.BAUELEM. VERTR. GMBH

Murata Manufacturing, Co., Ltd.

Product Withdrawal Confirmation

Product Withdrawal detailed below is
Product Type: NTSD Series
Last Time Order Due: Jun.,30,2016

☐ Subject to Further Discussion

☐ Accepted.

Requests, Questions, Comments,etc.

Signature

Date: (MM, DD, YYYY)

Title:

Name:

納入実績

Sales History

弊社に登録されている貴社品番は下記になります。

Please find the list below for the target part numbers which are registered as yours in Murata. (Customer Part Number)

下記に記載の無い貴社品番につきましても、弊社の対象品種については申し入れに含むことと致します。

Regardless of the list below, all part numbers shall be the target as far as they are categorized into the Product Type indicated in the Document.

口座番号 Account	お客様名 Customer Name	貴社品番 Customer Part Number	弊社品番 Murata Part Number	代替品 Alternative Part Number	納入数 (単位: 個) Sales Quantity (Unit: pieces)						
					2009FY	2010FY	2011FY	2012FY	2013FY	2014FY	15FY(Aug.)
D0584	PK COMPONENTS ELEKT.BAUELEM. VERTR. GMBH	NTSD1XV103FPB50	NTSD1XV103FPB50	NXRT15XV103FA5B045	0	5,000	0	0	0	0	0
D0697	PK COMPONENTS ELEKT. BAUELEM. GMBH	NTSD0XH103FE1B0	NTSD0XH103FE1B0	NXRT15XH103FA5B030	0	10	0	0	0	0	0

Replacemet Product List

Pre EOL product						Replacement product					
P/N	R25	B constant	Lead Wire	Lead Spacing	Full Length	P/N	R25	B constant	Lead Wire	Lead Spacing	Full Length
NTSD0WB203EE1B0	20k±3%	4050±1%	φ0.4mm Solder plated copper ply wire	2.5mm	30mm, coating:27mm	NXRT15WB333JA5B030	33k±5%	4050k±3%	φ0.46mm Copper lead wire with polyurethane coat	2.5mm	30mm
NTSD0WB203FE1B0	20k±1%	4050±1%		2.5mm	30mm, coating:27mm	NXRT15WB333JA5B030	33k±5%	4050k±3%			30mm
NTSD0WC303EE1B0	30k±3%	4100±1%		2.5mm	30mm, coating:27mm	NXRT15WB333JA5B030	33k±5%	4050k±3%			30mm
NTSD0WC303EE3B0	30k±3%	4100±1%		2.5mm (L type)	30mm, coating:27mm	NXRT15WB333JA5B030	33k±5%	4050k±3%			30mm
NTSD0WC303FE1B0	30k±1%	4100±1%		2.5mm	30mm, coating:27mm	NXRT15WB333JA5B030	33k±5%	4050k±3%			30mm
NTSD0WD503EE1B0	50k±3%	4150±1%		2.5mm	30mm, coating:27mm	NXRT15WB473FA5B030	47k±1%	4050k±1%			30mm
NTSD0WD503FE1B0	50k±1%	4150±1%		2.5mm	30mm, coating:27mm	NXRT15WB473FA5B030	47k±1%	4050k±1%			30mm
NTSD0WF104EE1B0	100k±3%	4250±1%		2.5mm	30mm, coating:27mm	NXRT15WF104FA5B030	100k±1%	4250k±1%			30mm
NTSD0WF104FE1B0	100k±1%	4250±1%		2.5mm	30mm, coating:27mm	NXRT15WF104FA5B030	100k±1%	4250k±1%			30mm
NTSD0WF104FE3B4	100k±1%	4250±1%		2.5mm (L type)	14.5mm, coating:12.5mm	-	-	-	-	-	-
NTSD0XH103EE1B0	10k±3%	3380±0.5%		2.5mm	30mm, coating:27mm	NXRT15XH103FA5B030	10k±1%	3380k±1%	φ0.46mm Copper lead wire with polyurethane coat	2.5mm	30mm
NTSD0XH103EE1B6	10k±3%	3380±0.5%		2.5mm	20.0mm, coating:14.0mm	NXRT15XH103FA5B025	10k±1%	3380k±1%			25mm
NTSD0XH103FE1B0	10k±1%	3380±0.5%		2.5mm	30mm, coating:27mm	NXRT15XH103FA5B030	10k±1%	3380k±1%			30mm
NTSD0XH103FE1B3	10k±1%	3380±0.5%		2.5mm	18.5mm, coating:14.5mm	NXRT15XH103FA5B025	10k±1%	3380k±1%			25mm
NTSD0XH103FE1B5	10k±1%	3380±0.5%		2.5mm	20.5mm, coating:17.5mm	-	-	-	-	-	-
NTSD0XH103FE1B8	10k±1%	3380±0.5%		2.5mm	coating:22.0mm	NXRT15XH103FA5B025	10k±1%	3380k±1%	φ0.46mm Copper lead wire with polyurethane coat	2.5mm	25mm
NTSD0XH103FE1B9	10k±1%	3380±0.5%		2.5mm	For chikumaseiki NTSD0XH103FE1B0 The decoration first level: Epoxy, The second level: Polyester	NXRT15XH103FA5B030	10k±1%	3380k±1%			30mm
NTSD0XM202EE1B0	2.0k±3%	3500±0.5%		2.5mm	30mm, coating:27mm	NXRT15XM202EA5B030	2.0k±3%	3500k±1%			30mm
NTSD0XM202FE1B0	2.0k±1%	3500±0.5%		2.5mm	30mm, coating:27mm	NXRT15XM202EA5B030	2.0k±3%	3500k±1%			30mm
NTSD0XR502EE1B0	5.0k±3%	3700±1%		2.5mm	30mm, coating:27mm	NXRT15XV502FA5B030	5.0k±1%	3936k±1%			30mm
NTSD0XR502FE1B0	5.0k±1%	3700±1%		2.5mm	30mm, coating:27mm	NXRT15XV502FA5B030	5.0k±1%	3936k±1%			30mm
NTSD0XV103EE1B0	10k±3%	3900±0.5%		2.5mm	30mm, coating:27mm	NXRT15XV103FA5B030	10k±1%	3936k±1%			30mm
NTSD0XV103FE1B0	10k±1%	3900±0.5%		2.5mm	30mm, coating:27mm	NXRT15XV103FA5B030	10k±1%	3936k±1%			30mm
NTSD1WB203FPB30	20k±1%	4050±1%	φ0.46mm Polyurethane Cu lead	2.5mm (L type)	30mm	NXRT15WB333JA5B030	33k±5%	4050k±3%	φ0.46mm Copper lead wire with polyurethane coat	2.5mm	30mm
NTSD1WB203FPB40	20k±1%	4050±1%		2.5mm (L type)	40mm	NXRT15WB333JA5B040	33k±5%	4050k±3%			40mm
NTSD1WB203FPB50	20k±1%	4050±1%		2.5mm (L type)	50mm	NXRT15WB333JA5B045	33k±5%	4050k±3%			45mm
NTSD1WC303FPB30	30k±3%	4100±1%		2.5mm (L type)	30mm	NXRT15WB333JA5B030	33k±5%	4050k±3%			30mm
NTSD1WC303FPB40	30k±3%	4100±1%		2.5mm (L type)	40mm	NXRT15WB333JA5B040	33k±5%	4050k±3%			40mm
NTSD1WC303FPB50	30k±3%	4100±1%		2.5mm (L type)	50mm	NXRT15WB333JA5B045	33k±5%	4050k±3%			45mm
NTSD1WD503FPB30	50k±1%	4150±1%		2.5mm (L type)	30mm	NXRT15WB473FA5B030	47k±1%	4050k±1%			30mm
NTSD1WD503FPB40	50k±1%	4150±1%		2.5mm (L type)	40mm	NXRT15WB473FA5B040	47k±1%	4050k±1%			40mm
NTSD1WD503FPB50	50k±1%	4150±1%		2.5mm (L type)	50mm	NXRT15WB473FA5B045	47k±1%	4050k±1%			45mm
NTSD1WF104FPB30	100k±1%	4250±1%		2.5mm (L type)	30mm	NXRT15WF104FA5B030	100k±1%	4250k±1%			30mm
NTSD1WF104FPB40	100k±1%	4250±1%		2.5mm (L type)	40mm	NXRT15WF104FA5B040	100k±1%	4250k±1%			40mm
NTSD1WF104FPB50	100k±1%	4250±1%		2.5mm (L type)	50mm	NXRT15WF104FA5B045	100k±1%	4250k±1%			45mm
NTSD1XH103FP135	10k±1%	3380±0.5%		2.5mm	35mm	NXRT15XH103FA5B035	10k±1%	3380k±1%			35mm
NTSD1XH103FPB30	10k±1%	3380±0.5%		2.5mm (L type)	30mm	NXRT15XH103FA5B030	10k±1%	3380k±1%			30mm
NTSD1XH103FPB35	10k±1%	3380±0.5%		2.5mm (L type)	35mm	NXRT15XH103FA5B035	10k±1%	3380k±1%			35mm
NTSD1XH103FPB40	10k±1%	3380±0.5%		2.5mm (L type)	40mm	NXRT15XH103FA5B040	10k±1%	3380k±1%			40mm
NTSD1XH103FPB45	10k±1%	3380±0.5%		2.5mm (L type)	45mm	NXRT15XH103FA5B045	10k±1%	3380k±1%			45mm
NTSD1XH103FPB50	10k±1%	3380±0.5%		2.5mm (L type)	50mm	NXRT15XH103FA5B045	10k±1%	3380k±1%			45mm
NTSD1XH103FPC30	10k±1%	3380±0.5%		2.5mm (L type)	30mm	NXRT15XH103FA5B030	10k±1%	3380k±1%			30mm
NTSD1XM202FPB30	2.0k±1%	3500±0.5%		2.5mm (L type)	30mm	NXRT15XM202EA5B030	2.0k±3%	3500k±1%			30mm
NTSD1XM202FPB40	2.0k±1%	3500±0.5%		2.5mm (L type)	40mm	NXRT15XM202EA5B040	2.0k±3%	3500k±1%			40mm
NTSD1XM202FPB50	2.0k±1%	3500±0.5%		2.5mm (L type)	50mm	NXRT15XM202EA5B045	2.0k±3%	3500k±1%			45mm
NTSD1XR502FPB30	5.0k±1%	3700±1%		2.5mm (L type)	30mm	NXRT15XV502FA5B030	5.0k±1%	3936k±1%			30mm
NTSD1XR502FPB40	5.0k±1%	3700±1%		2.5mm (L type)	40mm	NXRT15XV502FA5B040	5.0k±1%	3936k±1%			40mm
NTSD1XR502FPB50	5.0k±1%	3700±1%		2.5mm (L type)	50mm	NXRT15XV502FA5B045	5.0k±1%	3936k±1%			45mm
NTSD1XV103FPB30	10k±1%	3900±0.5%		2.5mm (L type)	30mm	NXRT15XV103FA5B030	10k±1%	3936k±1%			30mm
NTSD1XV103FPB40	10k±1%	3900±0.5%		2.5mm (L type)	40mm	NXRT15XV103FA5B040	10k±1%	3936k±1%			40mm
NTSD1XV103FPB50	10k±1%	3900±0.5%		2.5mm (L type)	50mm	NXRT15XV103FA5B045	10k±1%	3936k±1%			45mm