

Document Receipt Acknowledgement

Date:
Section:
Name:



Document Number: D08491-A-Q0145
PD Ref.: PSE-24GA-0083
Date: Mar. 1, 2025

Attention:
TTI ELECTRONICS ASIA PTE LTD

Product Withdrawal Notice

All of Piezoelectric Sounders PKM(Pin type), PKHPS, PKLCS, PKMCS 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 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: All of Piezoelectric Sounders PKM(Pin type), PKHPS, PKLCS, PKMCS series
except the series or part numbers that have already issued EOL.

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

2. Reasons/Background:

The sales of our piezoelectric sounders is expected to decrease as change of needs and environments. In addition, our productivity risks are increasing due to aging facilities and material suppliers.

As a result, we decided to withdraw from the piezoelectric sounders business because profitability was not expected.

3. Approval Due: Jan. 31, 2027

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, 2027
Last Shipment Date: Mar. 31, 2028

* : 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 Bunta Kakida



Confirmation Letter

TTI ELECTRONICS ASIA PTE LTD

Murata Manufacturing, Co., Ltd.

Product Withdrawal Confirmation

Product Type: All of Piezoelectric Sounders PKM(Pin type), PKHPS, PKLCS, PKMCS series
except the series or part numbers that have already issued EOL.

Last Time Order Due: Mar. 31, 2027

Last Shipment Date: Mar. 31, 2028

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:



Sales History

Please find the list below for the target part numbers which are registered
Regardless of the list below, all part numbers shall be the target as far as

Alternative Part Number:

Account Number	Customer Name
Q0145	TTI ELECTRONICS ASIA PTE LTD
Q0145	TTI ELECTRONICS ASIA PTE LTD
Q0145	TTI ELECTRONICS ASIA PTE LTD
Q0145	TTI ELECTRONICS ASIA PTE LTD

Document Number:
PD Ref.:

as yours in Murata. (Customer Part Number)

as they are categorized into the Product Type indicated in the Document.

Pin Structure, Electrical Characteristics could be identical to or different from the current product.

Customer Part Number	Murata Part Number
MURPKLCS1212E2000-R1	PKLCS1212E2000-R1
MURPKLCS1212E4001-R1	PKLCS1212E4001-R1
MURPKLCS1212E40A1-R1	PKLCS1212E40A1-R1
MURPKM22EPPH4002-B0	PKM22EPPH4002-B0



Part Number List

Please find the list below for the target part numbers which are registered as your
Regardless of the list below, all part numbers shall be the target as far as they are

Alternative Part Number: Pin Structure, Electrical Characteristics

Customer Part Number	Murata Part Number
MURPKLCS1212E2000-R1	PKLCS1212E2000-R1
MURPKLCS1212E4001-R1	PKLCS1212E4001-R1
MURPKLCS1212E40A1-R1	PKLCS1212E40A1-R1
MURPKM22EPPH4002-B0	PKM22EPPH4002-B0

s in Murata. (Customer Part Number)
è categorized into the Product Type indicated in the Document.
could be identical to or different from the current product.

Alternative Part Number
N/A
N/A
N/A
N/A