
PRODUCT / PROCESS CHANGE NOTIFICATION

Generic Copy

PCN#2110003

• DATE:19th October,2021

•PCN Subject: Add new Molding compound type for MDI package.

•PCN Change Category:

Material

Process

Datasheet/Specification

Reliability

Others(

)

•Description of Change Purpose or Reason:

This PCN is being issued to notify customers that in order to assure continuity of supply, PANJIT has qualified an additional molding compound type supplied by “Eternal Electronic Material(Kunshan) Co., Ltd.” for products assembled with MDI package. Pls check below table 1 of impacted product list.

We recommend that you acknowledge receipt of this notification within 30 days of this PCN date. If you require samples for further evaluation, please contact your local sales representative and make a request.

•Verification /Qualification Data:

The electrical characterization and high reliability testing have been completed on representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet. And there will be no change to the Form, Fit, or Function of products affected.

•Affected Product Type: Refer to below table 1 of impacted product list.

•Effective Date: 18th January,2022

The reliability test results are summarized below:

No.	DESCRIPTION	TEST CONDITION	DURATION	FAILURE RATE	
1	Temperature Cycling (TC)	Ta = -55°C(10min)~ +150°C(10min)	1000 CYCLES	0/77 PCS	3 Lots PASS
2	High Temperature Reverse Bias (HTRB)	Ta = 140°C , VR=100%VB, DC supply	1000HRS	0/77 PCS	3 Lots PASS
3	Resistance to Solder Heat (RSH)	Temperature of solder pot = 260+5/-0°C Time for dipping in solder = 10 ±1 Sec	1CYCLE	0/30 PCS	3 Lots PASS
4	Autoclave (AC)	Ta = 121°C, P = 29.7psia , 100%RH	96HRS	0/77 PCS	3 Lots PASS
5	Temperature Humidity Storage (THS)	TA=85°C RH=85%	1000HRS	0/77 PCS	3 Lots PASS

•ELECTRICAL CHARACTERISTICS SUMMARY:

There is no change for the product electrical specifications.

•SAMPLES NEED :

Contact your local PANJIT sales representative.

•TECHNICAL CONTACT :

E-mail: alanliu@panjit.com.tw.

•FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local PANJIT sales representative.

•CHANGED PART IDENTIFICATION:

The tracking of 1st delivery after change can be identified by production lot number. Please contact your local sales for tracking lot number.

Please refer to below Lot number rule:

Lot number: **0924XXXXX**.

1st digit "0" denotes Year 2020.

2nd digit "9" denotes September.

3rd and 4th digits denote Day.

From 5th digits (XXXXX) denotes production serial number.

Table 1- MDI affected products type

Function: FAST RECOVERY RECTIFIERS						
R10S	R4S	R1S	R2S	R6S		

Function: GENERAL PURPOSE RECTIFIERS						
B1S	B10S	B1005S	B101S	B1010S	B102S	B104S
B106S	B108S	B2S	B4S-W	B4S	B6S	B8S
MB1S	MB10S	MB12S	MB2S	MB4S-F096	MB4S	MB6S
MB8S	B05S	B10S-1	B8S(H)	HD06	MB4S_F096	S1040S
B1S	B10S	B1005S	B101S	B1010S	B102S	B104S

Function: SCHOTTKY						
CBRHDSH1-40L	CBRHDSH2-100	CBRHDSH2-40	CSH110	S210S	CSH109	S10100S
CBRHDSH1-200	CBRHDSH2-40 SEL					



Customer Acknowledgement Form

 (To be filled out by the customer and returned to HQBU of PANJIT)

The indicated Customer Notification letter was received and acknowledged by the undersigned authority.

Company Name : _____

Customer Name : _____(Signature) Date:_____

PCN number: **PCN#2110003** _____

Approval for the Product/Process change: Yes No

Comments/Additional requests:

Thanks for your attention on this matter. Please return the acknowledgment form to your local PANJIT sales representative.

Please note that no objection within 30 days upon receiving will be deemed as being accepted and agreed with this Process Change Notification.