

● **Change Information:**

Carrier tape	From (Current)	Change to (New)
Supplier	LASER TEK TAIWAN CO., LTD.	
Machine	Rotary forming type	Extrusion forming type
Material	PC-ABS-PC	PC-PC-PC
Tensile strength (Kgf/mm ²)	4.1	6.0
Resistance (Ω)	10 ⁵⁻⁸	10 ⁴⁻¹⁰
Elongation (%)	31	42
Density (G/cm ³)	1.10	1.21
Appearance	Smooth surface	Matte surface
Dimension		
Symbol (mm)	Dimension	Dimension
Ao	1.70 ± 0.10	1.78 ± 0.10
A1	0.70 ± 0.10	0.61 ± 0.10
Bo	1.80 ± 0.10	1.98 ± 0.10
B1	1.50 ± 0.10	1.63 ± 0.10
Po	4.00 ± 0.10	4.00 ± 0.10
P1	4.00 ± 0.10	4.00 ± 0.10
P2	2.00 ± 0.05	2.00 ± 0.05
t	0.20 ± 0.05	0.20 ± 0.05
E	1.75 ± 0.10	1.75 ± 0.10
F	3.50 ± 0.05	3.50 ± 0.05
Do	1.55 ± 0.05	1.50 +0.10/-0
D1	0.50 ± 0.10	1.00 +0.25/-0
W	8.00 ± 0.15	8.00 +0.30/-0.10
Cd	0.15(Max)	0.15(Max)

• **Verification /Qualification Data:**

The related testing have been completed. This change has no impact to Form, Fit, or Function of products affected.

Test Item	Test Condition	Results
Dimension Measurement	Follow SOT-523 carrier tape (Extrusion Forming Type) drawing specification.	PASS
Seal Strength	Sealing temperature: 205°C Spec: 40 ~ 90g	PASS
Aging test	Sealing temperature: 205°C Bake: 8hrs / 60°C Spec: 10 ~ 100g	PASS

• **Affected Product Type:**

Function: MOSFET					
2N7002KTB	2N7002KTBS	2N7002TB	PJE138K	PJE138K-NC	PJE138L
PJE260N02	PJE8400	PJE8401	PJE8402	PJE8403	PJE8404
PJE8405	PJE8406	PJE8407	PJE8408	PJE8412	PJE8416
PJE8416B	PJE8428	PJE8438	PJE8439	PJE8472B	SM1301NSSACG
SM1301NSSBCG					
Function: SCHOTTKY					
BAT54ATB	BAT54CTB	BAT54RTB	BAT54STB	BAT54TB	RB520S30CTB
Function: Small Signal Switching Diodes					
BAL99TB	BAV70TB	BAV99TB	BAW56TB		
Function: Bipolar Junction Transistors					
AZMMBT3904TB	DTC114YEKPTL	MMBT2222ATB	MMBT3904TB	MMBT3906TB	
Function: ZENER Diodes					
STZ23C5V6TB					
Function: ESD Protection					
CS0803M	PEC2305C2E	PEC2605C2E	PJDLC05C-02TB	PJE5V0U8TB	PJEC5V0V3TB
PJEC5V0V6TB	PJSM6V8TB	PJESDZ6V8-2G			

• **Effective Date : 1st December, 2022**

● **ELECTRICAL CHARACTERISTICS SUMMARY:**

There is no change to 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.

● **ADDITIONAL RELIABILITY :**

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: **2924XXXXX**.

1st digit "2" denotes Year 2022.

2nd digit "9" denotes September.

3rd and 4th digits denote Day.

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



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#2208002

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.