



JAE Electronics, Inc.
May 19th, 2023

ENG-E23-050 - Distributors

PCN (Process Change Notice)
MX80 Rubber Parts
Made by TPR
Production Location Change
(refer to next pages for details)

| Part Numbers | Current Production Location (Shanghai, China) | Production Location Change to (Vietnam) | Completion of product Evaluation at Vietnam factory | Proposed PPAP Submission | Start of Mass Production (SOP) |
|---|--|--|---|-----------------------------|--------------------------------------|
| MX80A02SZ1A MX80A02SZ1B MX80A02SZ1C MX80B03PZ1A MX80A03SZ1A MX80B04PZ1A MX80A04SZ1A | Sunlight Rubber Products (Shanghai) Co., Ltd. <TPR Shanghai> | TPR Vietnam Co., Ltd. | December 2023 | January 2024 | April 2024 |

Notes:

- PC = Process Change (Tooling: Transfer, Replacement, Refurbishment, or additional and Parts Produced at Additional Location, etc...)
- PPAP = Production Part Approval Process
 1. PC PPAP will only be prepared and provided to customer who already requested and received initial PPAP.
 2. If you request PC PPAP documents for this notification, please notify us ASAP.

Reason of change

Production will be transferred from the Chinese plant of rubber supplier TPR Sunlight to the Vietnam plant.

ゴム業者TPRサンライトの中国工場からベトナム工場へ生産を移管する。

■ Aim

In China, stable and continuous production is under severe conditions due to future environmental regulations. Based on the BCP perspective, production will be transferred to the Vietnam plant of the same supplier due to production supply risk.

中国では今後の環境規制に伴い、安定した継続的な生産が厳しい状況下であり、BCP観点を踏まえ、生産供給リスクから同じ業者のベトナム工場へ生産を移管する。

■ Proposal

Change the production plant for matte seals, a component part.

構成部品であるマットシールの生産工場を変更する。

Before: Sunlight Rubber Products(Shanghai) Co., Ltd.<TPR Shanghai>

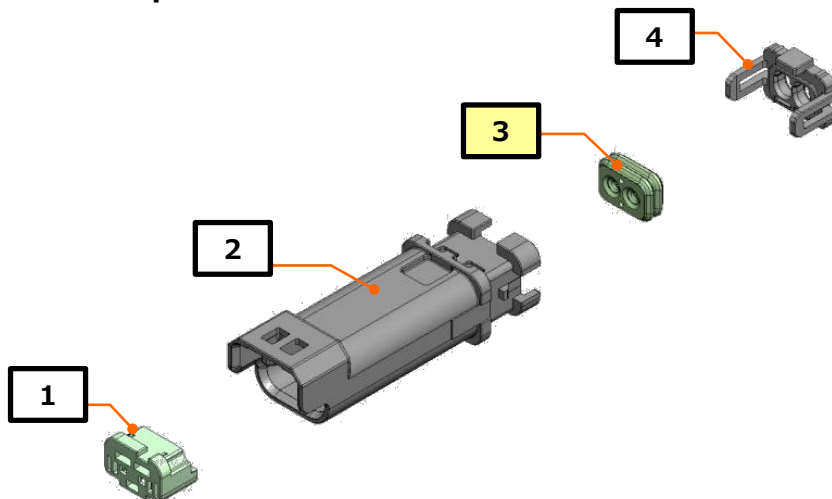
After: TPR Vietnam Co., Ltd.

■ Target parts supply

May 2024

Change point [MALE]

Product components



| Components | | Material | Current | Proposal | |
|------------|----------------------------|-----------------|----------------------------|----------------------------|--------|
| 1 | Front retainer | PBT | JAE Hiroaki | JAE Hiroaki | — |
| 2 | Housing | PBT | JAE Hiroaki | JAE Hiroaki | — |
| 3 | Mat seal : Only 2pins | Silicone Rubber | Sumitomo Riko Company Ltd. | Sumitomo Riko Company Ltd. | — |
| | Mat seal : Other variation | Silicone Rubber | TPR Shanghai | TPR Vietnam | Change |
| 4 | Rear cover | PBT | JAE Hiroaki | JAE Hiroaki | — |

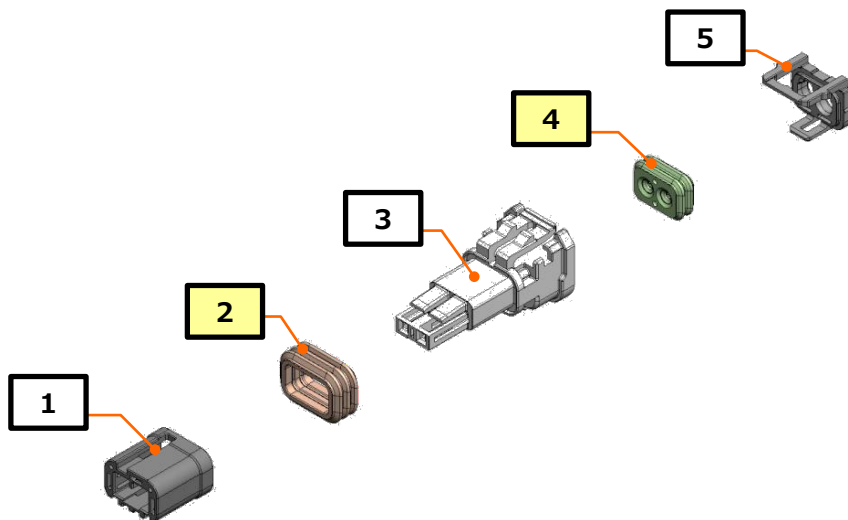
Tooling : Molding die transfer to Vietnam.

Equipment: Equipment at the Vietnam plant. Same type of existing equipment.

Method: Same as current.

Change point [FEMALE]

Product components



| Components | | Material | Current | Proposal | |
|------------|----------------------------|-----------------|----------------------------|----------------------------|--------|
| 1 | Front retainer | PBT | JAE Hirose | JAE Hirose | — |
| 2 | Radial seal | Silicone Rubber | TPR Shanghai | TPR Vietnam | Change |
| 3 | Housing | PBT | JAE Hirose | JAE Hirose | — |
| 4 | Mat seal : Only 2pins | Silicone Rubber | Sumitomo Riko Company Ltd. | Sumitomo Riko Company Ltd. | — |
| | Mat seal : Other variation | Silicone Rubber | TPR Shanghai | TPR Vietnam | Change |
| 5 | Rear cover | PBT | JAE Hirose | JAE Hirose | — |

Tooling : Molding die transfer to Vietnam.

Equipment: Equipment at the Vietnam plant. Same type of existing equipment.

Method: Same as current.