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Product Change Notification

1. ECR #: 199018
Notification #: 543

2. Date of Announcement: December 23, 2020

3. Series:

- IPBD - Power Cable Connector
- PMSD - .165 SOCKET DISCREET CABLE ASSEMBLY
- PMSDT - .165 SOCKET DISCREET CABLE ASSEMBLY
- PMSS - .165 SOCKET DISCREET CABLE ASSEMBLY
- PMSST - .165 SOCKET DISCREET CABLE ASSEMBLY
- SCR1 - SCR1 Unsealed 22 AWG Cable Assembly

4. Part #'s Affected

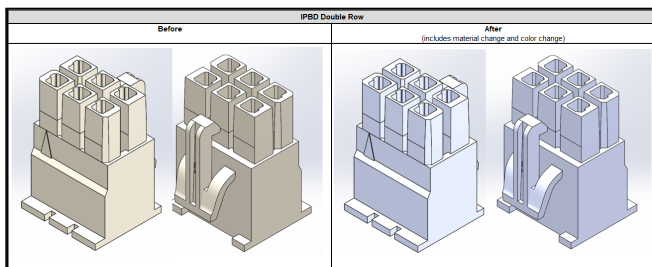
- IPBD-XX-D-X-X
- PMSD-XX-XXXX-X-XX.XX-X-XXX
- PMSDT-XX-XXXX-X-XX.XX-X-XXX
- IPBD-XX-S-X-X
- PMSS-XX-XXXX-X-XX.XX-X-XXX
- PMSST-XX-XXXX-X-XX.XX-X-XXX
- SCR1-10-XX-X-XX.XX-X-XX

5. Description of Change:

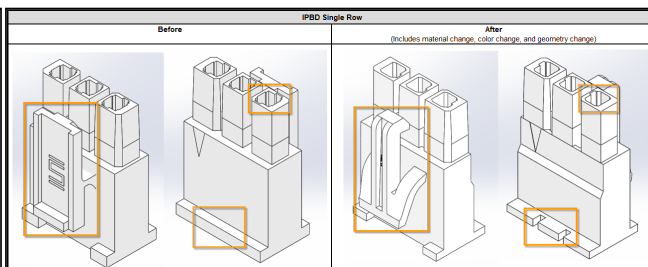
This is a change from Nylon UL 94 V2 material to Nylon UL 94 V0 material. The change improves flammability rating, while maintaining the current design of IPBD double row product, including the improved latch design that was implemented in December 2018. IPBD single row product, which includes IPBD, PMSS, and PMSST series, will also be updated to the new V0 material, as well as being updated to include body design improvements that have been in place for double row product since December 2018. The design changes for single row product include a new latch design that improves the ductility and durability of the latch, as well as a 90° rotated core and additional void coring to optimize manufacturability. The changes are backwards compatible with existing mates as well as existing crimp and poke processes. Once these changes are implemented, older versions of IPBD product that use "REF" part numbers will be phased out. However, the phase out dates for these products will be determined at a later date pending existing PO's and last-time buy agreements. Customers moving from a "REF" part number to a standard IPBD double row part number can expect to see the same visual, material, and geometry changes that are being applied to IPBD single row product. See "IPBD Single Row Before and After" and "IPBD Single Row Contact Insertion Before and After" images for reference.

6. Method of Identifying Change

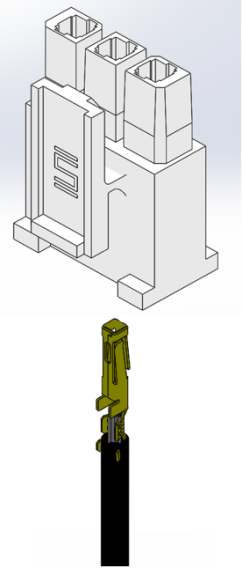
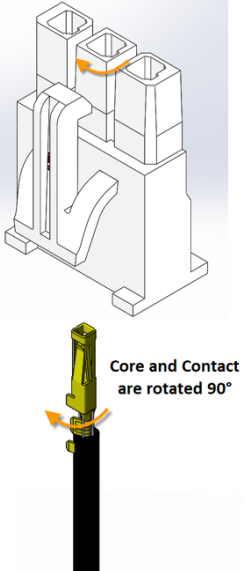
Visual



IPBD Double Row Before and After



IPBD Single Row Before and After

IPBD Single Row Contact Insertion	
Before	After (Includes material change, color change, and geometry change)
	
IPBD Single Row Contact Insertion Before and After	

7. Reason for Change:

Samtec implemented an improved latch design to IPBD double row product in December of 2018. The improved latch design required that Samtec move from a V0 material to a V2 rated material that was compatible with the new design. This new update will allow the improved design from 2018 to be combined with a V0 rated material for improved resistance to flammability. It also brings IPBD single row product up to date, implementing changes previously applied to double row product.

8. Impact of Change on Form, Fit, or Function:

- Form - For IPBD single row product only, there will be a change in latch geometry, increased void coring, and 90° rotated cores.
- Form - For both single row and double row product, the new bodies will have a white appearance, which is different than existing bodies which have an off-white/cream appearance.
- Fit - There is no change to the fit of IPBD product. All changes are compatible with existing mates, as well as crimp and poke assembly.
- Function - The change from V2 to V0 nylon improves flammability resistance.

9. Projected Implementation Date: March 23, 2021

Disclaimer

Please review the change notification details listed above for specific information regarding the nature and timing of the change. While Samtec has taken precautions to ensure this change is not detrimental to your application, each application can be unique and therefore customers should consider the effect of the change on their specific application.

Samtec has taken efforts to ensure that all users of this product who have requested change notifications have been informed. However, you should assume that this is the only notification that will be sent and you, as the recipient, must determine how to communicate this information to your organization(s) and customer(s) as appropriate. If you wish to opt out of receiving Samtec Product Change Notification emails, please contact CustomerECN@samtec.com. Due to technical progress, specifications are subject to change without notification and it is recommended to provide an alternative contact when opting out.

Please contact Samtec at CustomerECN@samtec.com for any questions related to this change.