

Date Issued :	August 24, 2026	PCN Number :	518632
Reason for Change :	Change Supplier		
Description of Change :	Supplier Chemistry is going EOL and must be replaced.		
Assessment of Change :	Reliability Test Report/s		
Planned Implementation Date :	March 01, 2027		
Customer Sample Availability Date:	February 26, 2027		
Last date to request Samples by Customer : August 31, 2026			
Please note if Samples are not requested as per Customer Samples Request date, it may take additional 4-6 weeks to arrange Samples.			
Traceability Code Markings/ Date :	Factory order number		

Material Change Notification: Shadow Chemistry

Scope of Change

• Before

- "Shadow 2"

- Name: SHADOW Chemical
SHADOW CONDUCTIVE COLLOID 2

- Image:

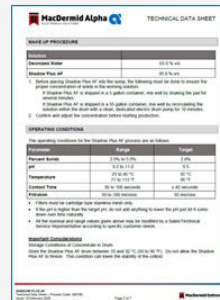


• After

- "Shadow Plus"

- Name: SHADOW Chemical
SHADOW PLUS

- Image:



Material Change Notification: Shadow Chemistry

Overview

- Purpose of the change:
 - Supplier has notified Molex that they are discontinuing the production of their "Shadow 2" chemistry.
- Impact of the change:
 - The current chemistry will no longer be available after 6/30. Molex will change to the supplier's "Shadow Plus" chemistry.
- Reason for the change:
 - Supplier has decided to discontinue their production of "Shadow 2" due to challenges of rising production yield loss and the associated risk of ensuring supply to customers.
- Product Impact:
 - No change to form, fit, or function.

Material Change Notification: Shadow Chemistry

Schedule Milestones

Activity	Target Completion Date
Design IST Coupon	6/18
Build IST Coupons	7/10
Complete IST Testing	9/10
Installation Qualification (IQ)	11/31
Operational and Process Qualifications (PO,OQ)	12/31
Mass Production Implementation	3/1/2027

Material Change Notification: Shadow Chemistry

Impacted Part Numbers

Customer Part Number	Molex Part Number
ASY FLX SurePower SP650256 Rev H	1442230004

PCN Qualification and Validation Plan

- Below is the List of Part Numbers will be used for internal qualification & validation purposes.
- Samples and Qualification data will be provided upon request.

1442230004

You may address inquiries regarding this PCN by clicking on the below link
mailto:pcn_coordinator@molex.com?subject=PCN_Notification:518632
or contact your Local Sales Engineer.

Note: While responding, please retain " **PCN Notification: 518632** " in the e-mail Subject line for faster response.

Molex, LLC
2222 Wellington Court
Lisle, IL 60532
TEL (800) 786-6539
www.molex.com

PCN #	Customer #	Customer Name	Search Term	Molex Part #	Customer Material #
518632	103989	TTI INCORPORATED	TTI INC	1442230004	MOL144223-0004

City	State	Country	Sales Engineer Name	Sales Engineer email
FORT WORTH	TX	US	JOHN CRIMMINS	JOHN.CRIMMINS@MOLEX.COM

Opportunity #	Opportunity Item Lost Indicator
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PCN No	Part List
518632	1442230004