

	Doc or ECO #:	ECO-70475-70476-71473-001	Date:	01/24/19	Author:	SL
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	AEG	Date:	1/25/19	Quality Approval:	DO

P/N #:	70475, 70476, 71473	Effective Date:	January 25, 2019
Title:	MSS Module Overlays		

1.0 Purpose / Summary:

The purpose this ECO is to increase the heat resistance of the material used on the overlays covers along with adding diagnostic & module information in an easy and accessible way.

2.0 Parts Affected:

Part Number	Notes	Removed	Added	Modified	REV
70475	MSS – Power Module Overlay	☐	☐	☒	B
70476	MSS – Communications Module Overlay	☐	☐	☒	B
71473	MSS – Power & Communications Module Overlay	☐	☐	☒	B

3.0 Detail:

- Material updated from .02” thickness Clear PETG to .015” thick Clear Polycarbonate. The change to Polycarbonate improves the Overlays glass transition temperature from 80C to 147C.
- 70475 MSS – Power Module Overlay
 - Description was updated from “M5 Power Module Cover Plate” to “MSS – Power Module Overlay”
 - Artwork File “70475-Power_Module_Overlay” in PDF form will be digitally printed onto the Polycarbonate.
- 70476 MSS – Communications Module Overlay
 - Description was updated from “M5 Communications Module Cover Plate” to “MSS – Communications Module Overlay”
 - Artwork File “70476-Power_Module_Overlay” in PDF form will be digitally printed onto the Polycarbonate.

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- 71473 MSS – Power & Communications Module Overlay
 - Description was updated from “Combined Power And Comms Box Assembly Potting Cover” to “MSS – Power & Communications Module Overlay”
 - Artwork File “71473-Power_&_Communications_Module_Overlay” in PDF form will be digitally printed onto the Polycarbonate.

4.0 Disposition of Material:

- Continue to use revision A covers until new material arrives.
- When revision B module Overlays arrive, remove revision A module covers from inventory and send to engineering for storage or repurposing.

5.0 Action Items:

Action	Department	Acknowledgement Initials
• Update Epicor with changes to the revision	Engineering	RN
• Update Drawings & BOM with artwork information and description changes	Engineering	TG/SL/MW
• Place Orders for Revision B Overlays	Purchasing	TB/NS

6.0 Modified / Referenced Documents:

Document	Current Revision

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7.0 Revision History:

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
01/24/2019	Initial Release	Initial Release	SL