

	Doc or ECO #:	ECO-70155-002	Date:	07/11/2019	Author:	GD
	Rev. #:	A				
Replacing obsolete SMT Inductor	Engineering Approval:	Aeg	Date:	07/12/2019	Quality Approval	DO

P/N #:	70155	Effective Date:	July 12, 2019
Title:	Replacing obsolete SMT Inductor on Power module PCB		

1.0 Purpose / Summary

The SMT inductor 1uH/11A used in 3 places (L1, L3 & L5) on MSS power converter module PCB has become obsolete. This ECO addresses the implementation of the replacement of the inductor in question.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
SRP7030-1R0FM	FIXED 1UH 11A SMD Inductor	☐	☐	☒	-
70155	Electronics Assembly	☐	☐	☒	B

3.0 Detail

The MSS power converter module PCB electronics uses above said inductor at various locations (L1, L3 & L5). The specific inductor used on this PCB has become obsolete (P/N are in section 2.0 table) and as a result the Power Converter PCB (70155) BOM should be updated with the new replacement (P/N SRP7028A-1R0M). This ECO records new changes together with subsequent follow up actions in related departments.

4.0 Disposition of Material

This is just a cross replacement for an unavailable part.

No rework of old stock.

No recall or enhanced repair efforts required.

5.0 Action Items

Action	Department	Acknowledgement Initials
Update PCB BOM to reflect the updated part number (SRP7028A-1R0M)	Engineering	GD
Update Revision on 70155 entry in Epicor and note the BOM change (new revision is B with revision notes " Replacing obsolete part - BOM updated" in Epicor)	Engineering	RN
Inform subcontractors of part cross and supply updated PCB BOM	Engineering	GD

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6.0 Modified / Referenced Documents:

Document	Current Revision
Click here to enter text.	Click here to enter text.

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
July 11, 2019		Initial submission	GD