

	Doc or ECO #:	ECO-70769-001	Date:	6/23/2022	Author:	AEG
	Rev. #:	001				
Engineering Change Order (ECO)	Engineering Approval:	aeg	Date:	06/23/2022	Quality Approval	aeg

P/N #:	70769	Effective Date:	June 23, 2022
Title:	Remove “non-critical” note on .25R for mating to Tether strain relief		

1.0 Purpose / Summary

On rev B of 70769, we called out a specific radius as noncritical because we had frequently been flagging parts in QC for not meeting this radius spec.

Then we decided, lets design something that mates to said radius, We noticed assembly variations that have brought us here. We have once again established the radius as “critical” and a tolerance range was thrown at it.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70769	Updated rev, removed “noncritical” note	☐	☐	☒	C

3.0 Detail

The robust, established, and armored defender strain relief mounts caused a conflict when mating with PN 70769. This is because 70769 has a +/- .030” thickness tolerance... and in 70769 rev B we specifically called out the .25R were mating to and called in “non critical”

The Non-critical note was removed. The radius was given a -.005” and +.050” tolerance; because an overcut radius will not cause a mating problem with the robust, established, and armored defender strain relief mounts. However, an undercut radius would cause a conflict with the robust, established, and armored defender strain relief mounts.

4.0 Disposition of Material

70769 Rev B that have undercut radii should be removed from stock and disposed of. (this was completed; JV)

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5.0 Action Items

Action	Department	Acknowledgement Initials
Order from rev C	Purchasing	RM

6.0 Modified / Referenced Documents:

Document	Current Revision
70769 ME drawing	C

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
6/23/2022	All	Initial	AEG

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