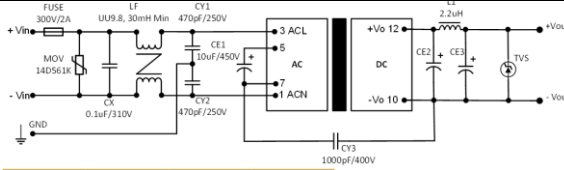
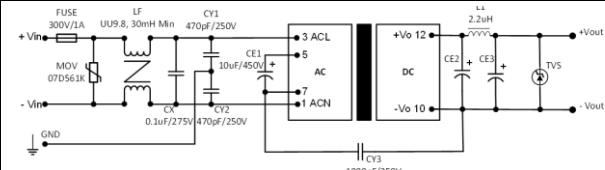


June 9th, 2025

Product Change Notification

PCN #:	AM20250609-2
Issue Date:	June 9 th , 2025
Products series affected:	AMEOF3-277EZ series
Product list:	AMEOF3-3S277EZ, AMEOF3-5S277EZ, AMEOF3-9S277EZ, AMEOF3-12S277EZ, AMEOF3-15S277EZ, AMEOF3-24S277EZ, AMEOF3-3SL277EZ, AMEOF3-5SL277EZ, AMEOF3-9SL277EZ, AMEOF3-12SL277EZ, AMEOF3-15SL277EZ, AMEOF3-24SL277EZ.
Effective Date:	All part numbers listed in the above product list from the AMEOF3-277EZ series shipping from Aimtec as of the issue date of this PCN.
Description of change:	All part numbers listed in the above product list from the AMEOF3-277EZ series have their input current, inrush current, input dissipation, load regulation, minimum load, ripple & noise, dimensions and EMC recommended circuit updated as per the details provided in the following ANNEX 1.
Reason for change:	This change has been implemented due to the EOL of critical raw materials.
Customer Impact:	Certain customers may be impacted by these changes in the specifications. Aimtec recommends reviewing the datasheet and testing samples as necessary.
Package Diagram:	N/A

ANNEX 1

Parameter	Updated AMEOF3-277EZ	OLD AMEOF3-277EZ																																																								
Input current	115VAC: 120mA max. 230VAC: 60mA max.	115VAC: 100mA max. 230VAC: 50mA max.																																																								
Inrush current	115VAC: 13A typ. 230VAC: 23A typ.	115VAC: 10A typ. 230VAC: 15A typ.																																																								
Input dissipation	No load: 0.1W typ. 0.15W max.	No load: 0.5W max.																																																								
Load regulation	10%~100% load,: ±2.5% typ.	5%~100% load,: ±3.5% typ.																																																								
Minimum load	10% lout typ.	0% lout typ.																																																								
Ripple & noise	80mV p-p typ. 150mV p-p max.	3.3~5Vout: 50mV p-p typ. 150mV p-p max. 9~24Vout: 80mV p-p typ. 150mV p-p max.																																																								
Dimensions (LxWxH)	1.38 x 0.43 x 0.71 inches 35.00 x 11.00 x 18.00 mm	1.38 x 0.71 x 0.43 inches 35.00 x 18.00 x 11.00 mm																																																								
EMC Recommended circuit	 <table border="1" data-bbox="381 1008 714 1113"> <thead> <tr> <th>Model</th> <th>CE2</th> <th>CE3</th> <th>TVS</th> </tr> </thead> <tbody> <tr> <td>3.3 Vout</td> <td>820uF/10V</td> <td>470uF/10V</td> <td>SMBJ7.0A</td> </tr> <tr> <td>5 Vout</td> <td>820uF/10V</td> <td>470uF/10V</td> <td>SMBJ7.0A</td> </tr> <tr> <td>9 Vout</td> <td>470uF/25V</td> <td>220uF/35V</td> <td>SMBJ12A</td> </tr> <tr> <td>12 Vout</td> <td>470uF/25V</td> <td>220uF/35V</td> <td>SMBJ20A</td> </tr> <tr> <td>15 Vout</td> <td>470uF/25V</td> <td>220uF/35V</td> <td>SMBJ20A</td> </tr> <tr> <td>24 Vout</td> <td>330uF/35V</td> <td>220uF/35V</td> <td>SMBJ30A</td> </tr> </tbody> </table> <p>It is recommended that solid-state capacitors be used as the capacitor material for CE2.</p>	Model	CE2	CE3	TVS	3.3 Vout	820uF/10V	470uF/10V	SMBJ7.0A	5 Vout	820uF/10V	470uF/10V	SMBJ7.0A	9 Vout	470uF/25V	220uF/35V	SMBJ12A	12 Vout	470uF/25V	220uF/35V	SMBJ20A	15 Vout	470uF/25V	220uF/35V	SMBJ20A	24 Vout	330uF/35V	220uF/35V	SMBJ30A	 <table border="1" data-bbox="974 1008 1315 1113"> <thead> <tr> <th>Model</th> <th>CE2</th> <th>CE3</th> <th>TVS</th> </tr> </thead> <tbody> <tr> <td>3.3 Vout</td> <td>330uF/35V</td> <td>220uF/35V</td> <td>SMBJ7.0A</td> </tr> <tr> <td>5 Vout</td> <td>330uF/35V</td> <td>220uF/35V</td> <td>SMBJ7.0A</td> </tr> <tr> <td>9 Vout</td> <td>220uF/35V</td> <td>68uF/35V</td> <td>SMBJ12A</td> </tr> <tr> <td>12 Vout</td> <td>220uF/35V</td> <td>68uF/35V</td> <td>SMBJ20A</td> </tr> <tr> <td>15 Vout</td> <td>220uF/35V</td> <td>68uF/35V</td> <td>SMBJ20A</td> </tr> <tr> <td>24 Vout</td> <td>68uF/35V</td> <td>68uF/35V</td> <td>SMBJ30A</td> </tr> </tbody> </table>	Model	CE2	CE3	TVS	3.3 Vout	330uF/35V	220uF/35V	SMBJ7.0A	5 Vout	330uF/35V	220uF/35V	SMBJ7.0A	9 Vout	220uF/35V	68uF/35V	SMBJ12A	12 Vout	220uF/35V	68uF/35V	SMBJ20A	15 Vout	220uF/35V	68uF/35V	SMBJ20A	24 Vout	68uF/35V	68uF/35V	SMBJ30A
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