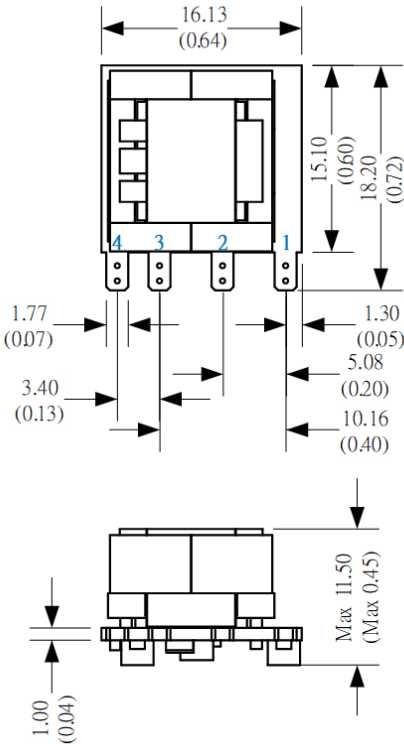
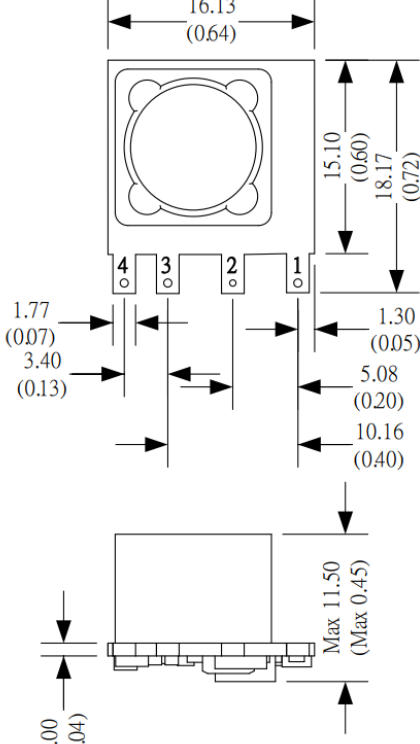


November 4th, 2025

Product Change Notification

PCN #:	AM20251104-1
Issue Date:	November 4 th , 2025
Products series affected:	AMESR-277LPZ series
Product list:	AMESR-2.5S277LPZ
Effective Date:	All part numbers from the above product list 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 AMESR-277LPZ series have their efficiency, input current, voltage accuracy, line regulation, no-load power consumption, typical application circuit, EMC recommended circuit and dimensions 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 AMESR-2.5S277LPZ	OLD AMESR-2.5S277LPZ
Efficiency	68% typ.	67% typ.
Input current	100mA max.	60mA max.
Voltage accuracy	10~100% load: $\pm 5\%$ typ. $\pm 6\%$ max.	10~100% load: $-7/+5\%$ max.
Line regulation	full load: $\pm 1.5\%$ typ.	full load: $\pm 2.5\%$ typ.
No-load power consumption	230VAC: 0.1W typ. 0.15W max.	230VAC: 0.1W typ. 0.3W max.
Typical application circuit	C1: 15 μ F/450V C2: 680 μ F/10V	C1: 22 μ F/450V C2: 680 μ F/16V
EMC recommended circuit	C1: 15 μ F/450V C2: 680 μ F/10V	C1: 22 μ F/450V C2: 680 μ F/16V
Dimensions	<p style="text-align: center;">AMESR-2.5-5S277LPZ</p>  <p style="text-align: center;">Unit: mm(inch) General tolerance: $\pm 1.00(\pm 0.04)$ Pin diameter tolerance: $\pm 0.10(\pm 0.004)$</p>	<p style="text-align: center;">AMESR-2.5-5S277LPZ</p>  <p style="text-align: center;">Unit: mm(inch) General tolerance: $\pm 0.50(\pm 0.02)$ Pin diameter tolerance: $\pm 0.10(\pm 0.004)$</p>