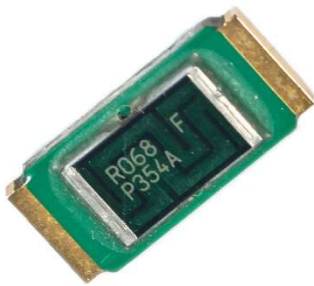
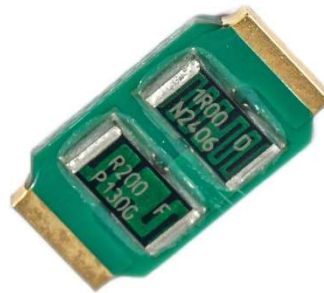


Adaptor Board AB126/127 Assembly

(Released April 8th, 2024)



Adaptor Board AB126 Assembly

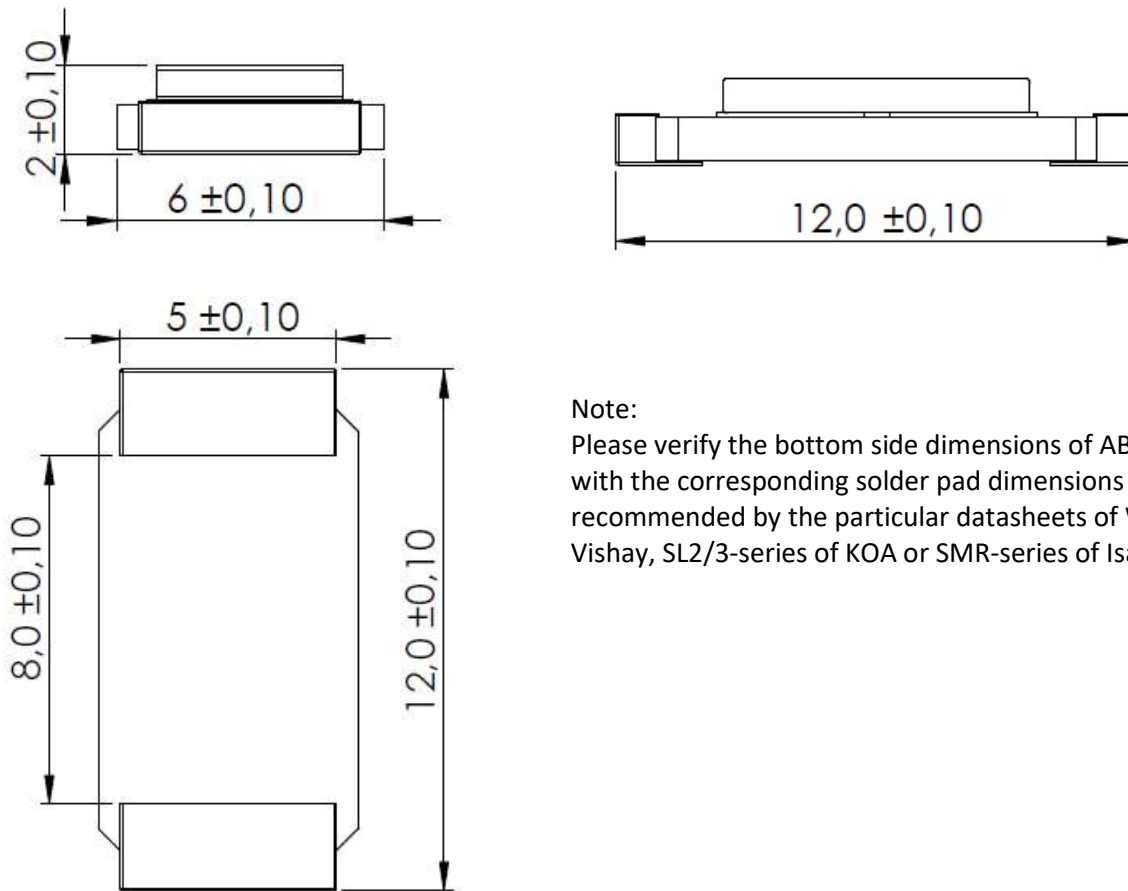


Adaptor Board AB127 Assembly

Adaptor Board AB126/127 Assembly - Features

- ✓ Assembly consisting of Adaptor Board AB126/127 and suitable standard SMD resistor components for a pin-compatible replacement of WSR2/3/5-series of Vishay (case size 4527), SL2/3-series of KOA (case size 4527) or SMR-series of Isabellenhuette (case size 4723)
- ✓ Mounting: Reflow-, IR- and vapour phase soldering
- ✓ Packaging: tape/reel accordingly to EN 60286-3
- ✓ RoHS 2011/65/EU compliant
- ✓ Excellent long-term stability ($dR/R < \pm 0.5\%$ in 2000hrs at rated power and temperature)
- ✓ On request: lot inspection per MIL-PRF-55342 (scope to be determined as required)

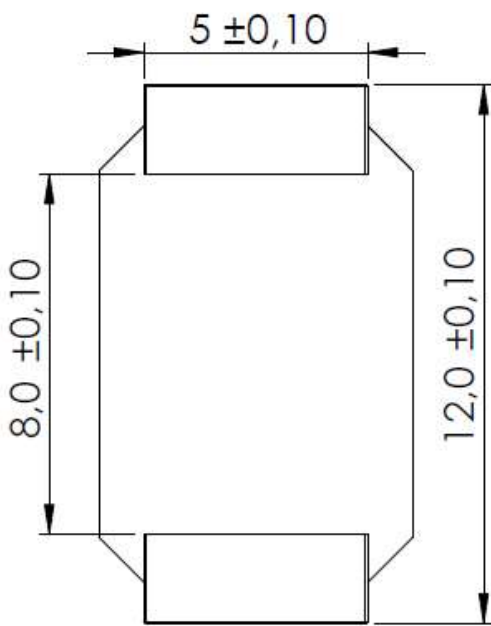
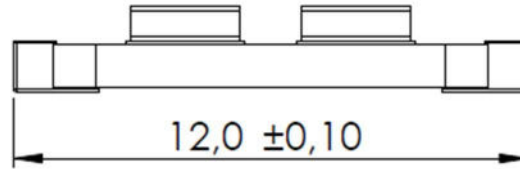
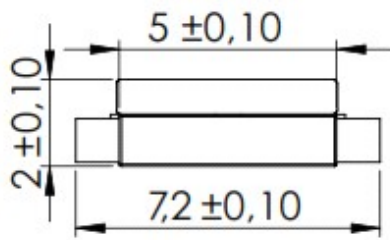
Adaptor Board AB126 Assembly - Dimensions



Note:

Please verify the bottom side dimensions of AB126-Assembly with the corresponding solder pad dimensions as recommended by the particular datasheets of WSR-series of Vishay, SL2/3-series of KOA or SMR-series of Isabellenhuetten.

Adaptor Board AB127 Assembly - Dimensions



Note:

Please verify the bottom side dimensions of AB127-Assembly with the corresponding solder pad dimensions as recommended by the particular datasheets of WSR-series of Vishay, SL2/3-series of KOA or SMR-series of Isabellenhuette.

Adaptor Board AB126/127 Assembly – Technical Specifications

Assembly	Power Rating P(70) [W]	Resistance value range [Ω]*	Resistance value tolerance*
AB126-2817R	5	0.0068 – 3.9	0.5%, 1%
AB127-2010DSR	5	0.051 – 1.5	0.5%, 1%
AB127-2010DPR	5	0.0068 – 0.240	0.5%, 1%

Note: individual resistance values can be obtained from list of available resistance values on pages 4 & 5.

Adaptor Board AB126 Assembly – Ordering code

Example: AB126-2817R050D

Type of assembly	Resistance value [Ω]	Tolerance
AB126-2817	R050	D (0.5%)

Adaptor Board AB127 Assembly – Ordering code

Example: AB127-2010DPR062F

Type of assembly	Resistance value [Ω]	Tolerance
AB127-2010DP	R062	F (1%)

Adaptor Board AB 126/127 Assembly – Available resistance values

E12 series [Ω]	E24 series [Ω]	AB126	AB127-DS	AB127-DP
0.0068	0.0068	•		•
	0.0075			•
0.0082	0.0082			•
	0.0091	•		•
0.010	0.010	•		•
	0.011			•
0.012	0.012			•
	0.013			•
0.015	0.015	•		•
	0.016			•
0.018	0.018	•		•
	0.020	•		
0.022	0.022	•		•
	0.024			•
0.027	0.027	•		•
	0.030			•
0.033	0.033	•		
	0.036			•
0.039	0.039	•		
	0.043			•
0.047	0.047	•		
	(0.050)	•		
	0.051		•	
0.056	0.056	•		
	0.062			•
0.068	0.068	•		

Adaptor Board AB 126/127 Assembly – Available resistance values

E12 series [Ω]	E24 series [Ω]	AB126	AB127-DS	AB127-DP
	0.075			•
0.082	0.082	•		
	0.091		•	
0.100	0.100	•		
	0.110		•	
0.120	0.120	•		
	0.130		•	
0.150	0.150	•		
	0.160			•
0.180	0.180	•		
	0.200	•		
0.220	0.220	•		
	0.240			•
0.270	0.270	•		
	0.300		•	
0.330	0.330	•		
	0.360		•	
0.390	0.390	•		
	0.430		•	
0.470	0.470	•		
	0.510		•	
0.560	0.560	•		
	0.620		•	
0.680	0.680	•		
	0.750			
0.820	0.820	•		
	0.910			
1.000	1.000	•		
	1.100		•	
1.200	1.200	•	•	
	1.300			
1.500	1.500	•	•	
	1.600			
1.800	1.800	•		
	2.000	•		
2.200	2.200	•		
	2.400			
2.700	2.700	•		
	3.000	•		
3.300	3.300	•		
	3.600	•		
3.900	3.900	•		

Adaptor Board AB 126/127 Assembly – General application note



Please take into consideration that the terminal temperature of the Adaptor Board AB126/127 Assembly must not exceed 100°C in continuous operation.

Source of supply

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