



PRODUCT BULLETIN

CUSTOMER NAME	ALL CUSTOMERS		
MODEL AFFECTED	PSB50-40-30 SERIES		
PROCESS CHANGE ORDER	PB20190115001	IMPLEMENTATION DATE	2/12/2019
DESCRIPTION OF CHANGE: PSB Series Case Dimension Change			

CUSTOMER CONTACT	SaveEnergy@erp-power.com
DATE OF NOTIFICATION	1/15/2019

The [PSB Series](#) LED Drivers from ERP Power are being produced as of February 2019 with a slightly modified case design as depicted below. The original case material was extruded aluminum. The new case material is sheet metal aluminum (stamped vs. extruded). The summary of changes for the PSB Series case configuration are:

- Overall footprint **length** remains the same at 112.5 mm
- Overall footprint **width** is 0.2 mm smaller at the bottom (26 mm whereas previously 26.2 mm), the top of the unit is 1.1 mm larger (27.3 mm whereas previously 26.2 mm)
- Overall footprint **height** remains the same at 21.85 mm
- Calculated lifetime remains greater than 50,000 hours at case temperature of 70°C for both 120Vac and 277Vac input

The summary of changes for the **side/bottom leads** PSB-S Series case configuration are:

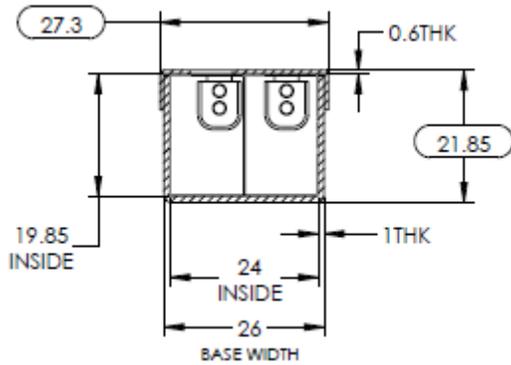
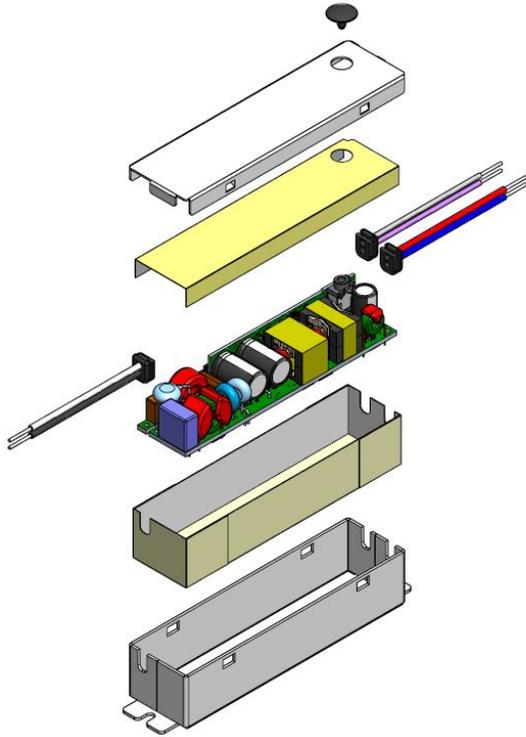
- Overall footprint **length** is 1.3 mm larger (99.8 mm whereas previously 98.5 mm)
- Overall footprint **width** is 0.2 mm smaller at the bottom (26 mm whereas previously 26.2 mm), the top of the unit is 1.1 mm larger (27.3 mm whereas previously 26.2 mm)
- Overall footprint **height** is 0.15 mm smaller (23.7 mm whereas previously 23.85 mm)
- Calculated lifetime remains greater than 50,000 hours at case temperature of 70°C for both 120Vac and 277Vac input

The summary of changes for the **terminal block** PSB-T Series case configuration are:

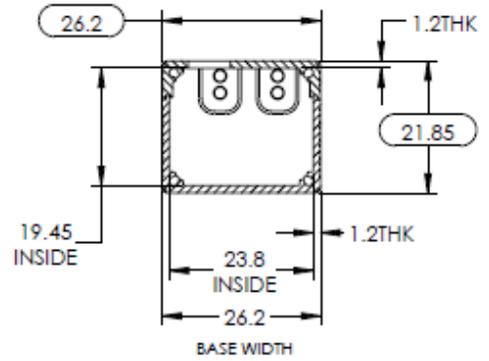
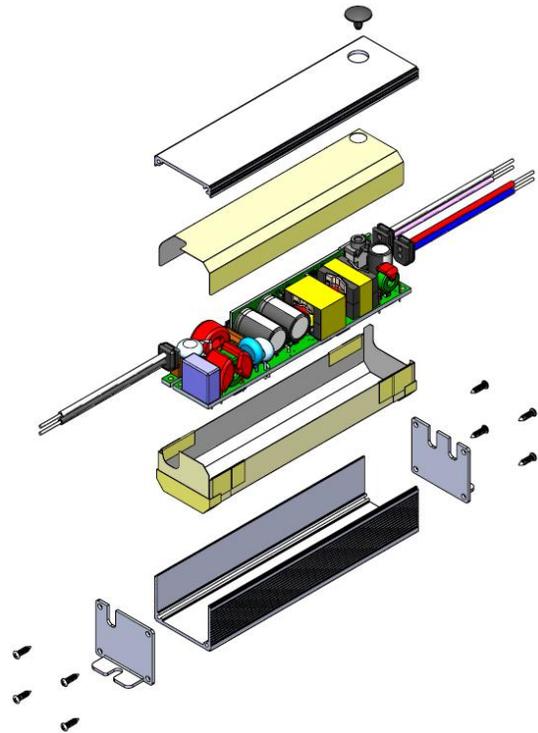
- Overall footprint **length** remains the same at 169.6 mm
- Overall footprint **width** is 0.2 mm smaller at the bottom (26 mm whereas previously 26.2 mm), the top of the unit is 1.15 mm larger (27.35 mm whereas previously 26.2 mm)
- Overall footprint **height** remains the same at 21.85 mm
- Calculated lifetime remains greater than 50,000 hours at case temperature of 70°C for both 120Vac and 277Vac input

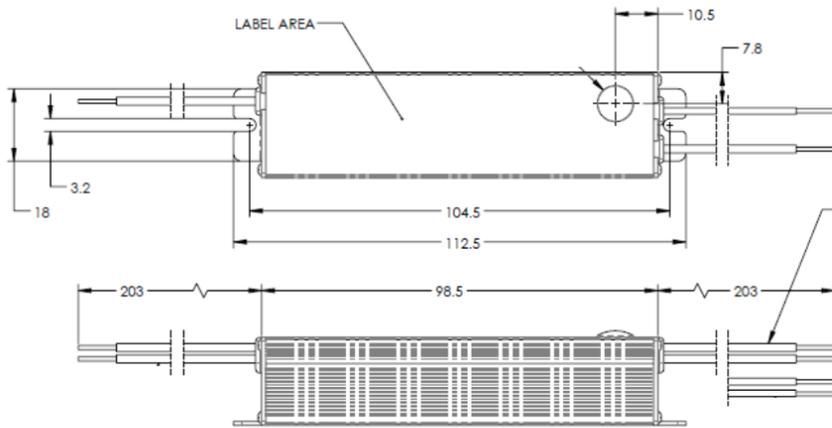
Contact your ERP representative at +1 805-517-1300 or email SaveEnergy@erp-power.com with any questions.

NEW PSB Sheet Metal Aluminum Case

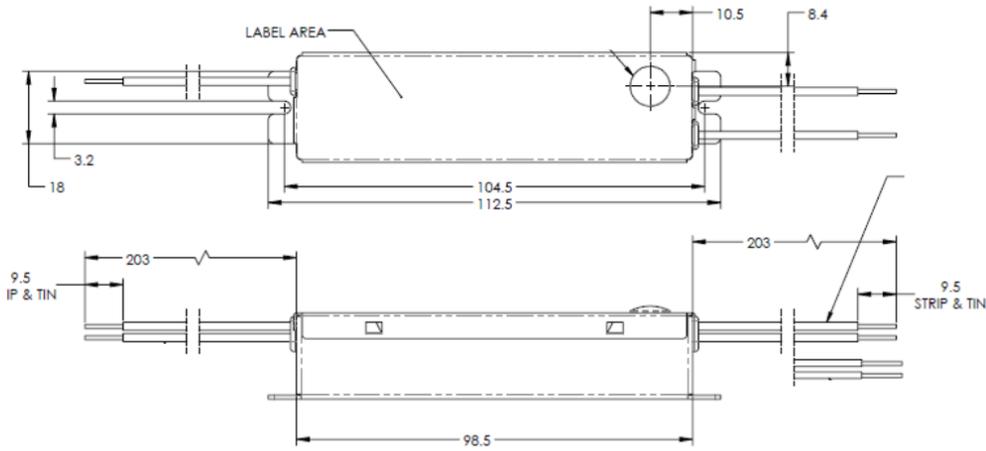
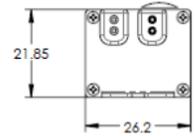


PREVIOUS PSB Extruded Aluminum Case

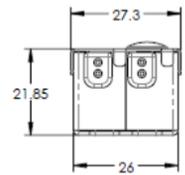




PREVIOUS
Extruded
Aluminum
Case



NEW
Sheet
Metal
Aluminum
Case

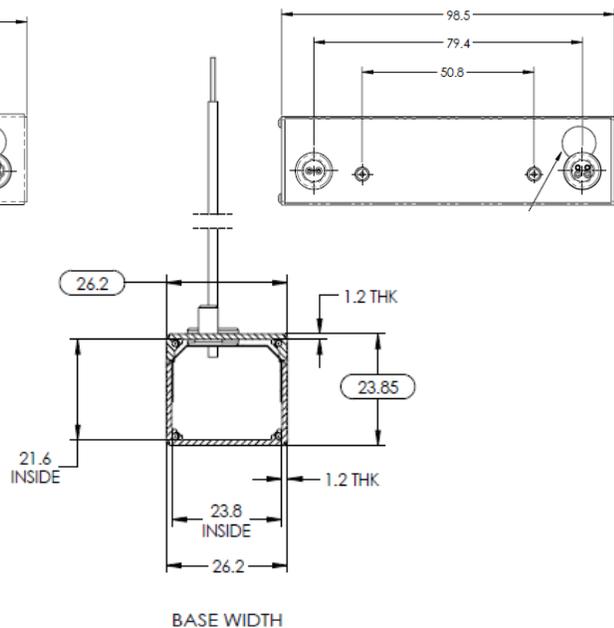
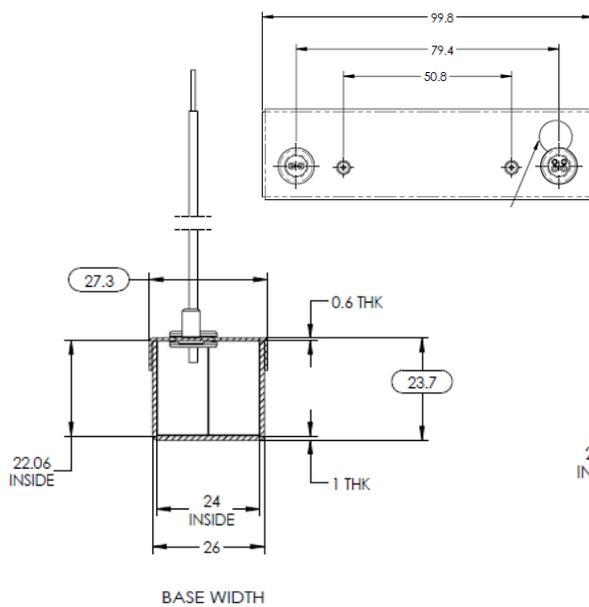
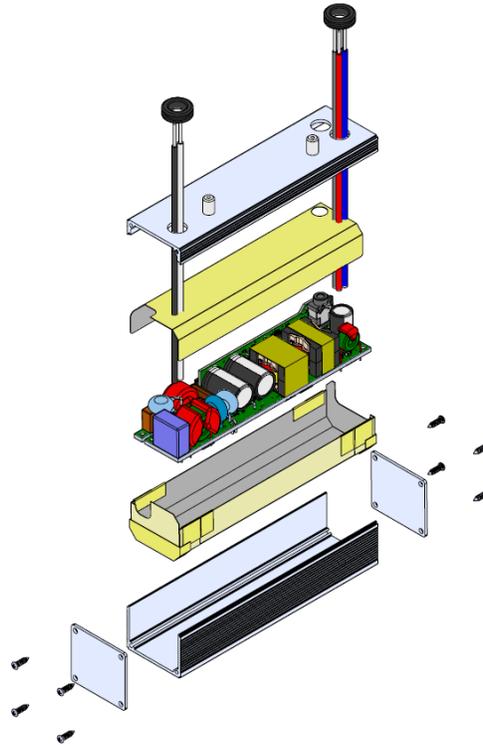
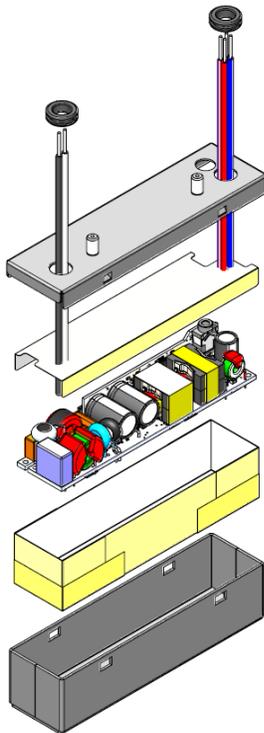


The summary of changes for the **side/bottom leads** PSB-S Series case configuration are:

- Overall footprint **length** is 1.3 mm larger (99.8 mm whereas previously 98.5 mm)
- Overall footprint **width** is 0.2 mm smaller at the bottom (26 mm whereas previously 26.2 mm), the top of the unit is 1.1 mm larger (27.3 mm whereas previously 26.2 mm)
- Overall footprint **height** is 0.15 mm smaller (23.7 mm whereas previously 23.85 mm)
- Calculated lifetime remains greater than 50,000 hours at case temperature of 70°C for both 120Vac and 277Vac input

NEW PSB-S Sheet Metal Aluminum Case

PREVIOUS PSB-S Extruded Aluminum Case

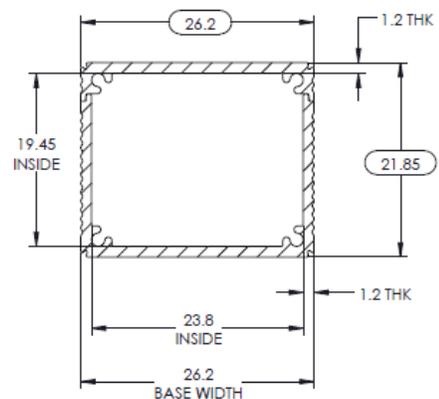
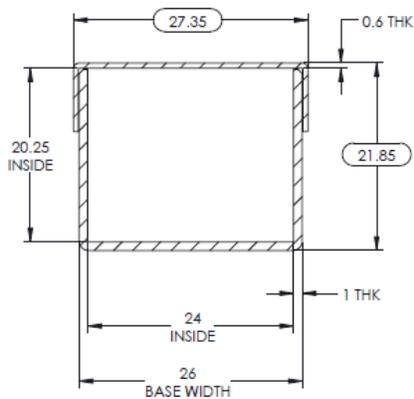
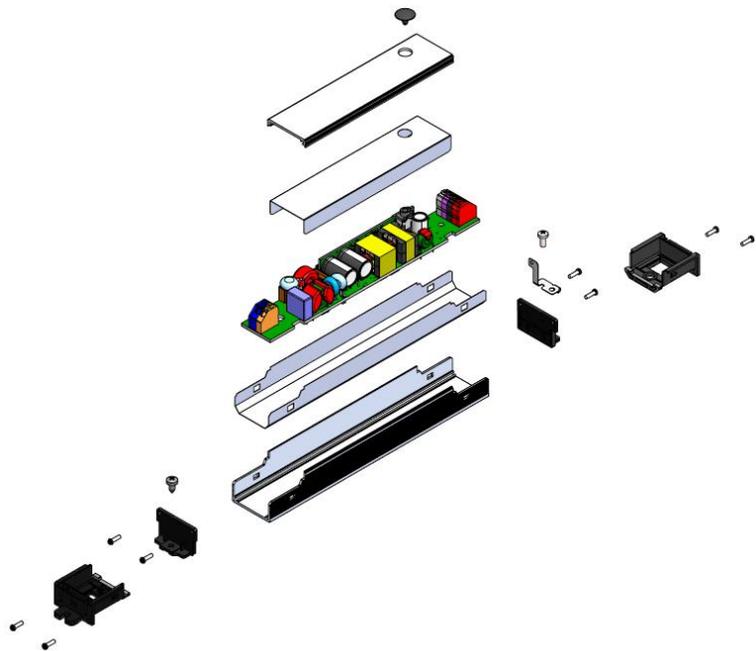
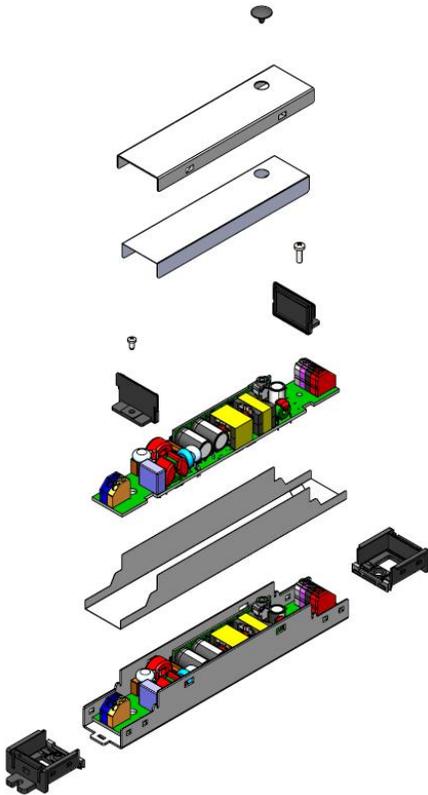


The summary of changes for the **terminal block PSB-T Series** case configuration are:

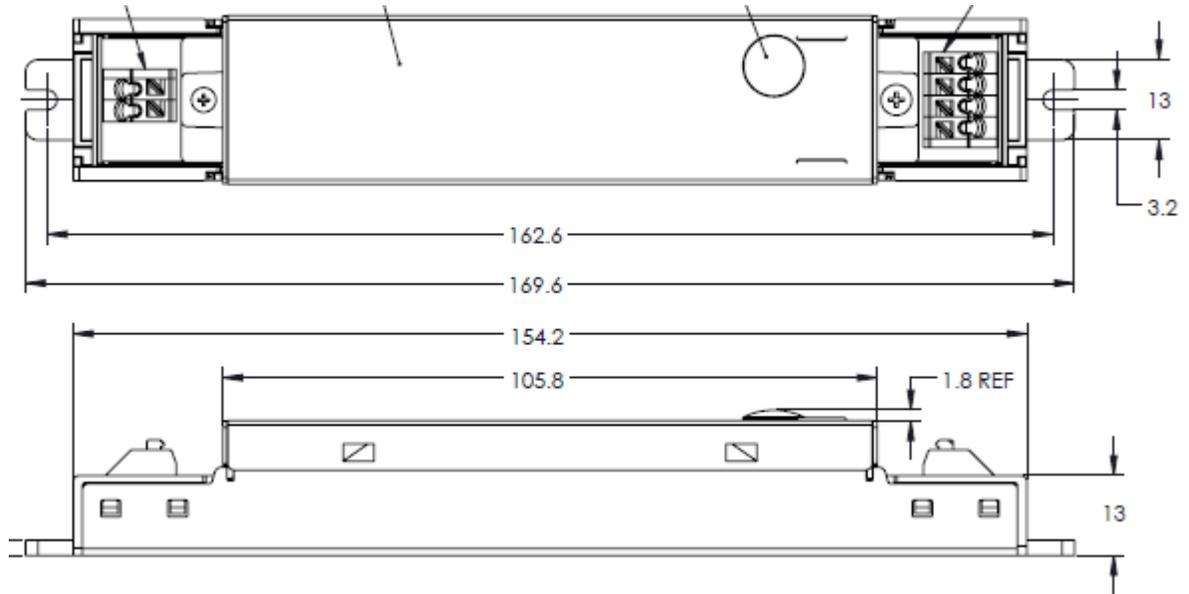
- Overall footprint **length** remains the same at 169.6 mm
- Overall footprint **width** is 0.2 mm smaller at the bottom (26 mm whereas previously 26.2 mm), the top of the unit is 1.15 mm larger (27.35 mm whereas previously 26.2 mm)
- Overall footprint **height** remains the same at 21.85 mm
- Calculated lifetime remains greater than 50,000 hours at case temperature of 70°C for both 120Vac and 277Vac input

NEW PSB-T Sheet Metal Aluminum Case

PREVIOUS PSB-T Extruded Aluminum Case



NEW PSB-T Sheet Metal Aluminum Case



PREVIOUS PSB-T Extruded Aluminum Case

