

## Features

- Commercial Grade
- Excellent impedance characteristics
- Rated current up to 3A
- Low DCR

## Applications

- DC power line common mode noise suppression.
- Switch Mode Power Supplies and regulators
- Variable Frequency Drives
- AC/DC power rectifiers

## **Electrical Specifications**

Part Number	Impedance (Ω) @100MHz Typ. ±25%	DCR (mΩ) Max	Rated Current (A) Max	Rated Voltage (Vdc) Max	Withstand Voltage (Vdc) Max	Insulation Resistance (MΩ) Min
ACMP-4528-800	80	50	3.0	50	125	10
ACMP-4528-900	90	50	3.0	50	125	10
ACMP-4528-121	120	50	3.0	50	125	10
ACMP-4528-201	200	100	1.5	50	125	10
ACMP-4528-601	600	240	1.5	50	125	10
ACMP-4528-801	800	240	1.0	50	125	10

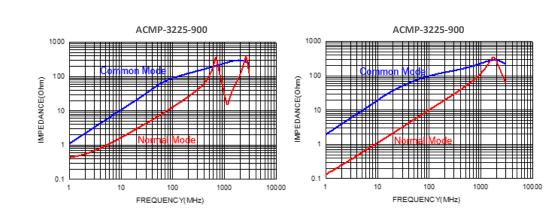
Rated Current is based on an Irms temperature rise of 40°C. Operating Temperature: -40°C to +125°C. (Including self-heating) Storage (in original packaging): <40°C, <60% RH. ACMP-4528 Series is RoHS Compliant and Pb free.

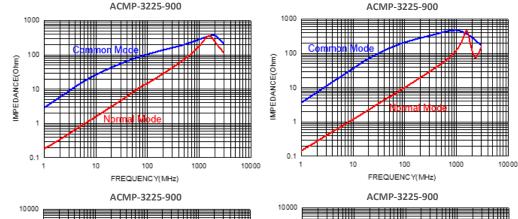


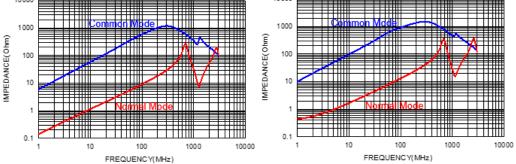
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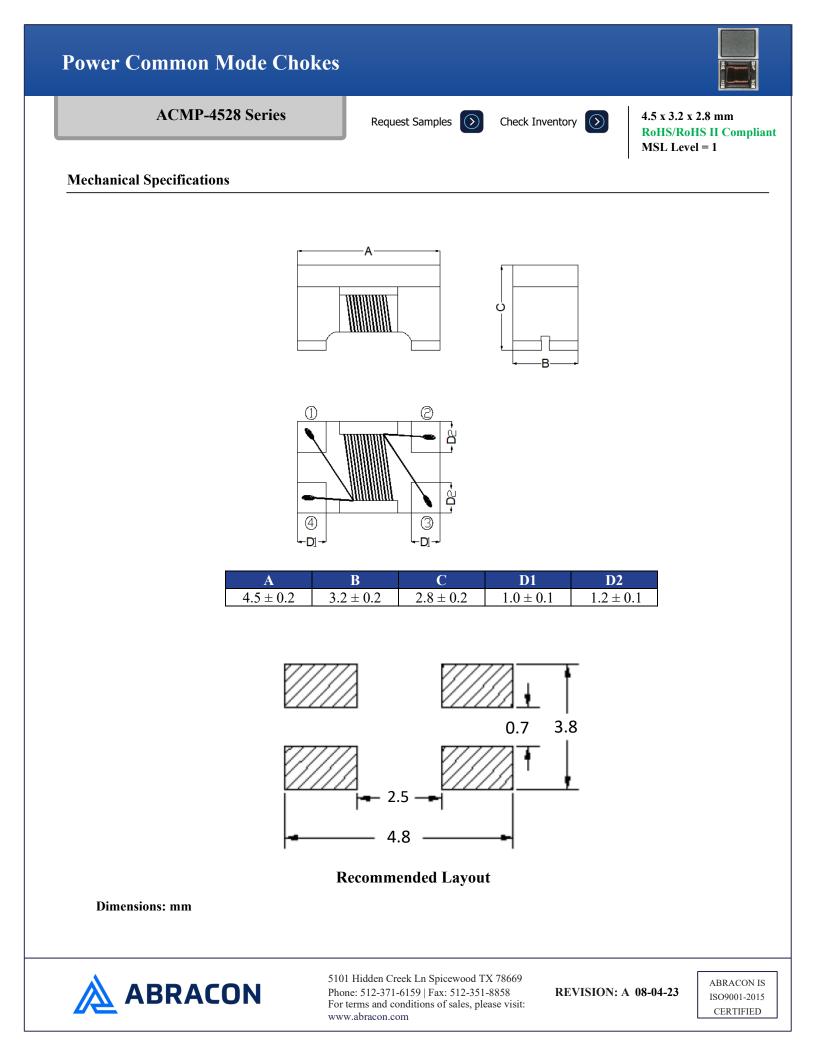


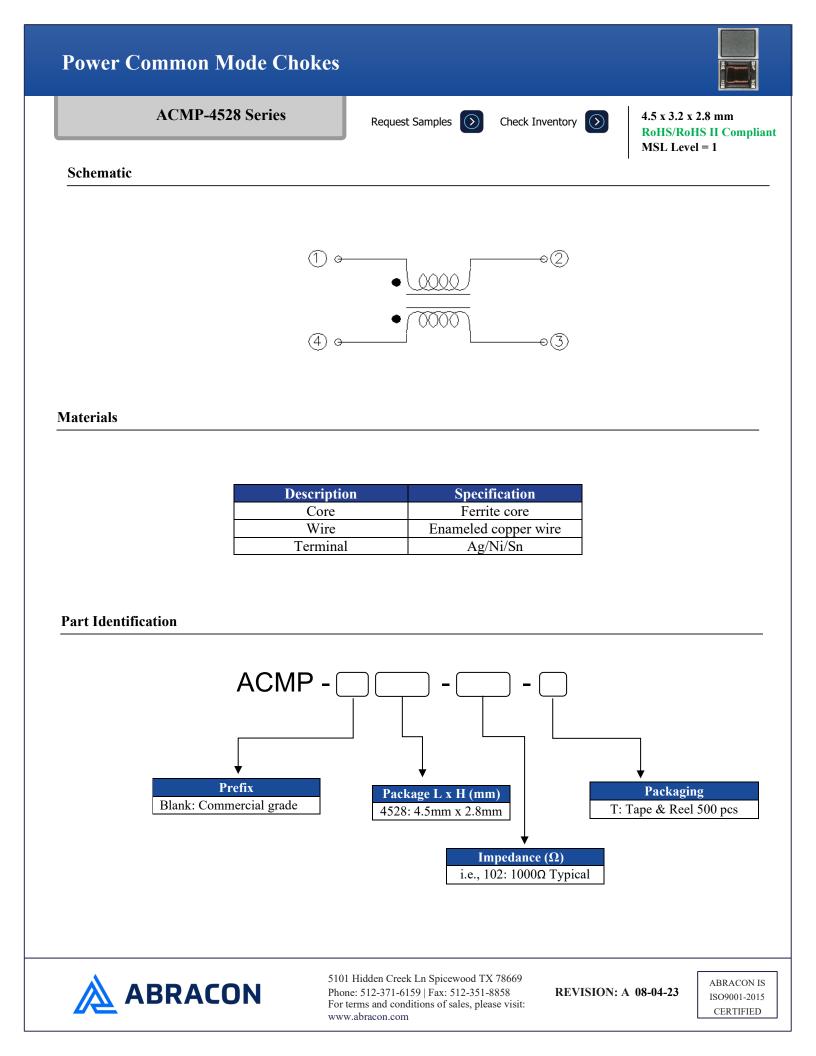


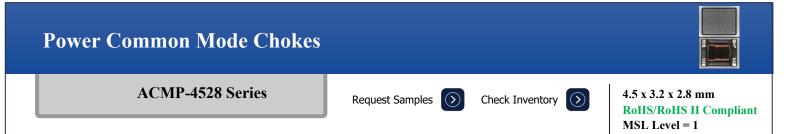


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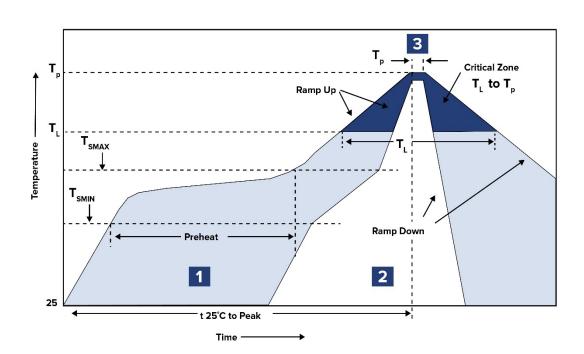
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## **Reflow Profile**



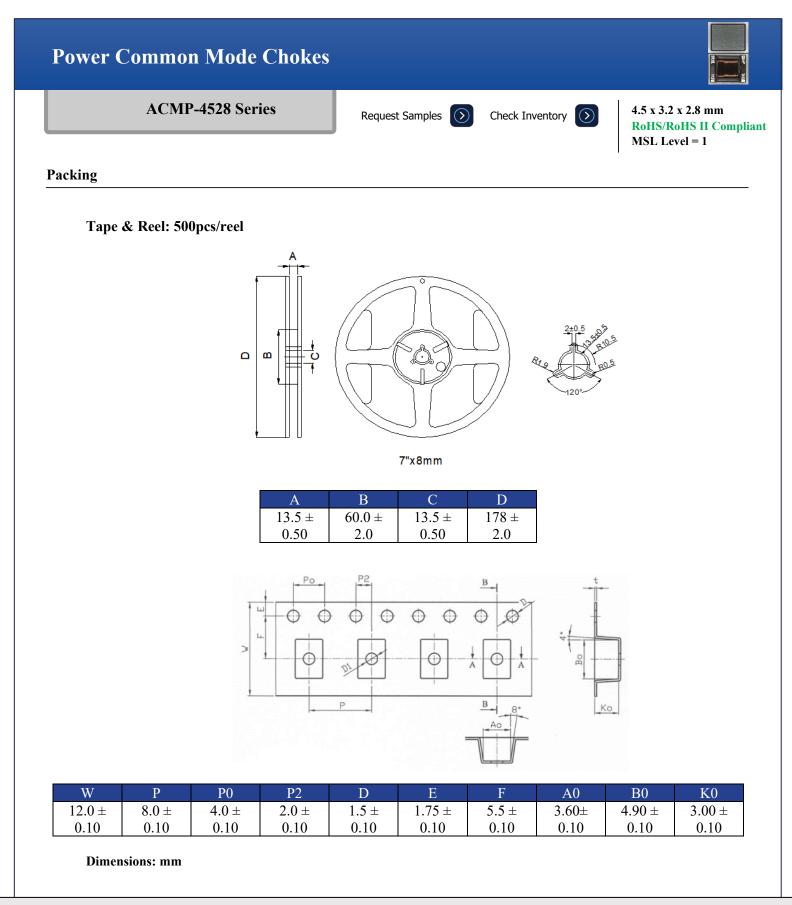
Zone	Description	Temperature	Times
1	Preheat	$\begin{array}{l} T_{SMIN} \sim T_{SMAX} \\ 150^{\circ}C \sim 200^{\circ}C \end{array}$	$60 \sim 120$ sec.
2	Reflow	T <sub>L</sub> 217°C	60 ~ 150 sec.
3	Peak heat	Т <sub>Р</sub> 250°С Мах.	< 30 Sec.

3 °C/Sec. Max Ramp up rate



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