

- AEC-Q200 compliant, Grade 1 •
- PPAP ready and supported •
- Manufactured in TS/IATF 16949 production lines •
- Excellent impedance characteristics •

Applications

- Differential signal line common mode noise suppression.
- Multimedia devices
- Automotive applications such as ADAS, Infotainment, Sensing, TCU
- Automotive CANFD •

Electrical Specifications

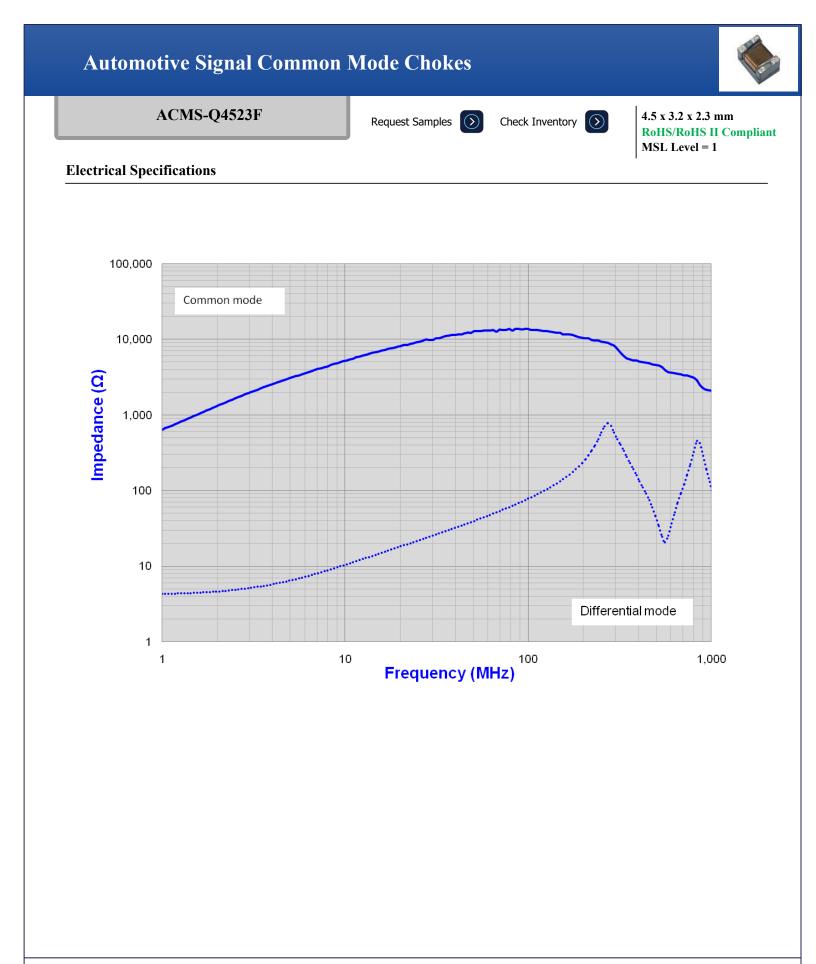
Part Number	Inductance (µH) (+50%/-30%)	DCR (mΩ) Max	Rated Current (A) Max	Rated Voltage (Vdc) Max	Insulation Resistance (MΩ) Min
ACMS-Q4523F-101	100	2000	0.2	50	10

Rated Current is based on an Irms temperature rise of 20°C Inductance Test Conditions: 0.1MHz/0.1V ACMS-O4523F is AEC-O200 Automotive certified **ACMS-O4523F Series is RoHS Compliant and Pb free Operating Temperature:** -40°C to +150°C (Including self-heating) Storage Temperature (on PCB): -40°C to +150°C Storage (in original packaging): <40°C, <70% RH



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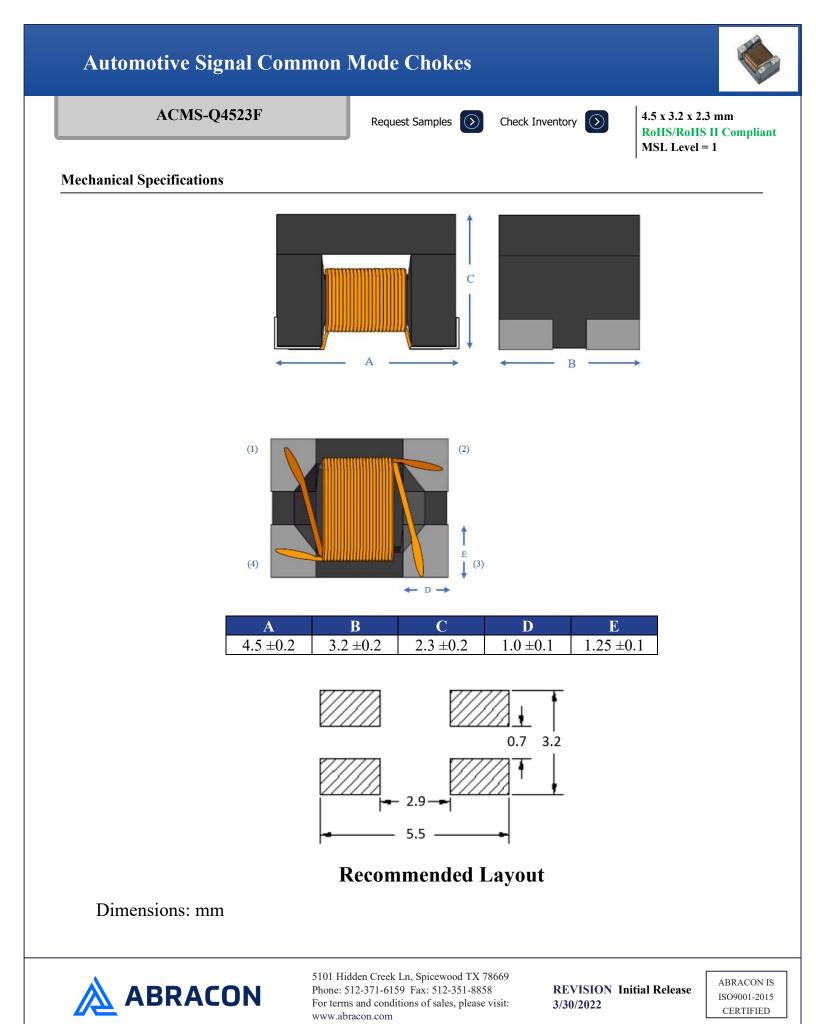
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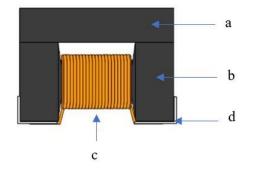
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ACMS-Q4523F Request Samples Check Inventory 4.5 x 3.2 x 2.3 mm RoHS/RoHS II Compliant MSL Level = 1 Schematic

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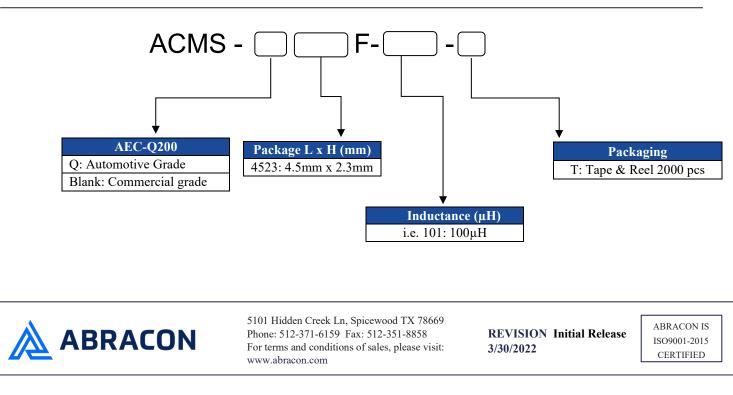
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	Description	Specification	
a	Upper Plate	Ni-Zn Ferrite	
b	Core	Ni-Zn Ferrite	
с	Wire	Enameled copper wire	
d	Electrode	Ag/Ni/Sn	

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Part Identification

Materials



Automotive Signal Common Mode Chokes



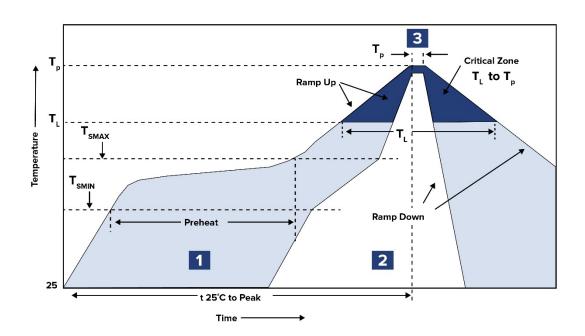
ACMS-Q4523F

Request Samples 🕥

Check Inventory

4.5 x 3.2 x 2.3 mm RoHS/RoHS II Compliant MSL Level = 1

Reflow Profile

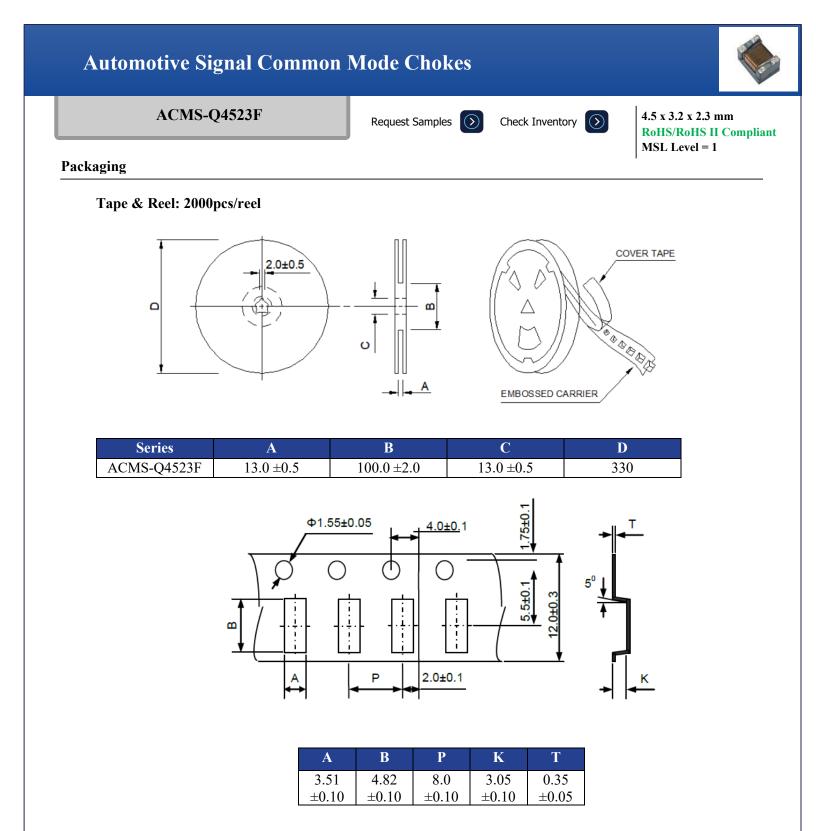


Zone	Description	Temperature	Times
1	Preheat	$\begin{array}{l} T_{SMIN} \sim T_{SMAX} \\ 150^{\circ}C \sim 200^{\circ}C \end{array}$	$60 \sim 120$ sec.
2	Reflow	T _L 220°C	$60 \sim 90$ sec.
3	Peak heat	T _P 260°C Max	10 sec. MAX



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Dimensions: mm

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