ABRACON LLC
The Power of Linking Together

The Heartbeat of the IoT™

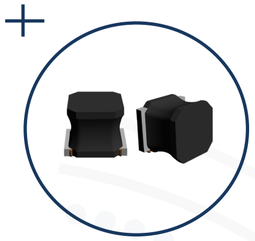
AUTOMOTIVE AND INDUSTRAL GRADE

TS 16949, AEC-Q200 Qualified and PPAP Ready Crystals, Oscillators, and Inductors

Power Inductors

ASPIAIG-HXXXX
Shielded SMD power inductor
7.1 x 6.5 x 3.0 mm
8.8 x 8.5 x 4.0 mm

Current Range (A): 2.0-20.0
Inductance Range (µH): 0.22 - 33.0
Temp Range: -40°C to 125°C



ASPIAIG-SXXXX
Shielded SMD power inductor
6.0 x 6.0 x 5.5 mm
8.0 x 8.0 x 5.0 mm

Current Range (A): 0.55 - 4.60
Inductance Range (µH): 1.0 - 470.0
Temp Range: -40°C to 125°C

ASPIAIG-Q(LR)4020 *NEW PRODUCT*
Molded power inductor
4.1 x 4.1 x 1.9

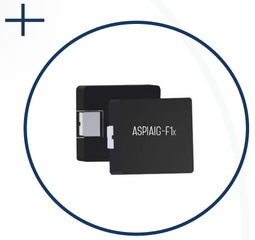
Current Range (A): 3.50 - 33.0
Inductance Range (µH): 0.10 - 4.70
Temp Range: -55°C to 155°C

ASPIAIG-S4035 *NEW PRODUCT*
Shielded SMD power inductor
4.0 x 4.0 x 3.5

Current Range (A): 0.55 - 6.90
Inductance Range (µH): 1.0 - 150.0
Temp Range: -40°C to 125°C

ASPIAIG-F *NEW PRODUCT*
Shielded SMD power inductor
As small as
4.1 x 4.1 x 1.9 (sizes vary)

Current Range (A): 4.40 - 36.0
Inductance Range (µH): 0.10 - 8.20
Temp Range: -40°C to 125°C



ASPIAIG-F1x *NEW PRODUCT*
Molded power inductor
11.0 x 10.0 x 3.8
13.5 x 12.5 x 6.2

Current Range (A): 2.50 - 118.0
Inductance Range (µH): 0.15 - 82.0
Temp Range: -40°C to 125°C

XTALS and XOs*

Series	Type	Frequency Range	Footprint	Widest Temp Option
ABS07AIG	XTAL	32.768 kHz	3.2 x 1.5mm	-40°C to 125°C
ABM11AIG	XTAL	16 to 50MHz	2.0 x 1.6mm	-40°C to 125°C
ABM10AIG	XTAL	12 to 62.5MHz	2.5 x 2.0mm	-40°C to 125°C
ABM8AIG	XTAL	10 to 54MHz	3.2 x 2.5mm	-40°C to 125°C
ABM3BAIG	XTAL	12 to 54MHz	5.0 x 3.2mm	-40°C to 125°C
ABM3CAIG	XTAL	8 to 20MHz	5.0 x 3.2mm	-40°C to 150°C
ABM4BAIG	XTAL	6 to 25MHz	7.0 x 5.0mm	-40°C to 125°C
ASH7KAIG	XO	32.768 kHz	3.2 x 1.5mm	-40°C to 85°C
ASAAIG	XO	4 to 50MHz	2.0 x 1.6mm	-40°C to 105°C
ASDAIG	XO	20 to 48MHz	2.5 x 2.0mm	-40°C to 125°C
ASEAIG	XO	1.75 to 60MHz	3.2 x 2.5mm	-40°C to 125°C

* Please contact Abracon for additional options

Automotive Solutions by Abracon

Abracon's automotive solutions are designed for autotmotive, industrial, and other high reliability applications requiring operation from as low as -55°C and as high as +155°C ambient temperatures.

- TS 16949 Certified
- AEC-Q200 Qualified**
- PPAP Ready*

Abracon AIG quartz crystals and crystal oscillators are ideal solutions for a range of automotive and industrial applications, such as GPS navigation system, display and audio system, instrument panel, industrial control, automation system, and applications where high reliability is required.

*contact Abracon for PPAP Level
**contact Abracon for AEC-Q100 offering

Applications

Medical

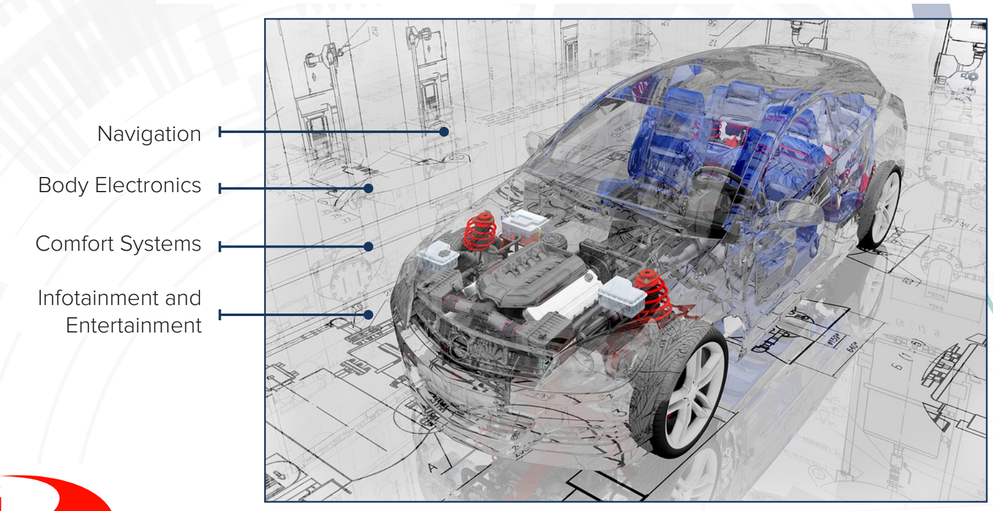
Communications and Data Center

Industrial IoT

Solar and Inverters

Transportation and Tracking

Electric Vehicles



AIAG
Automotive Industry Action Group Member