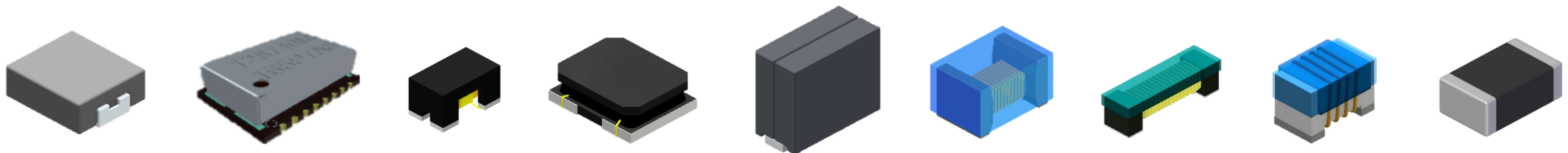
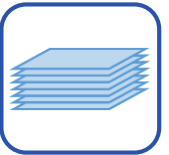
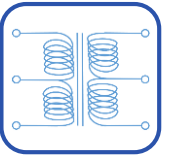
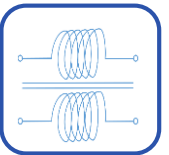
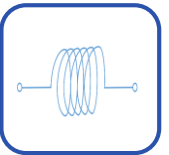


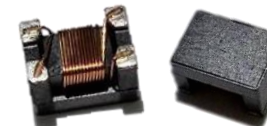
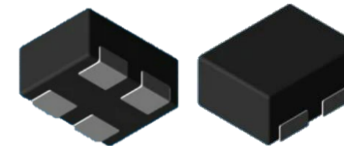
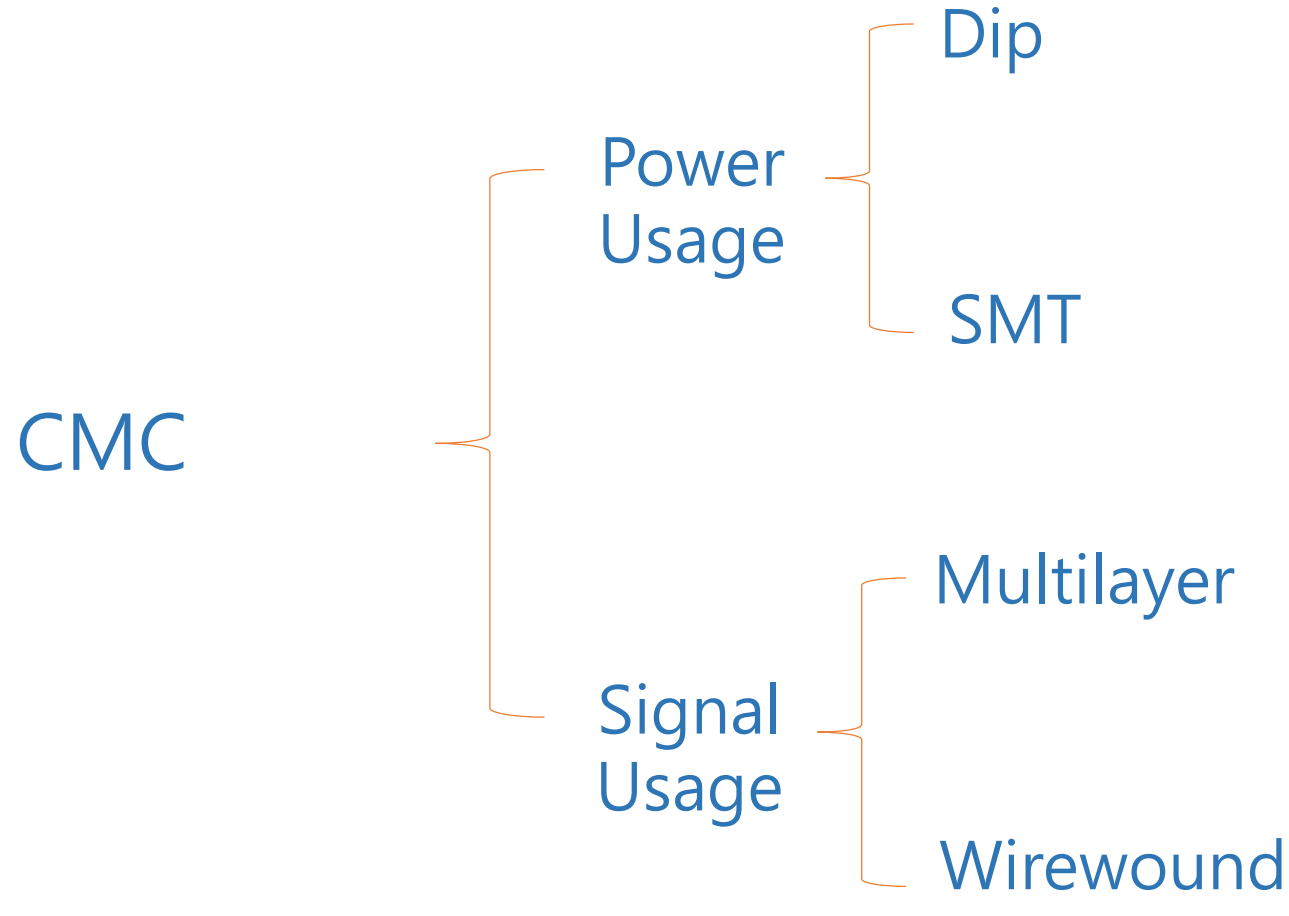
TAI-TECH Advanced Electronics., Co. Ltd.

Product introduction of Common Mode Choke(Power)

2025



Overview of Common Mode Filter Types



WCM/HSF/HDMI/DCM/TCM
ACM (For vehicle)

Product Feature

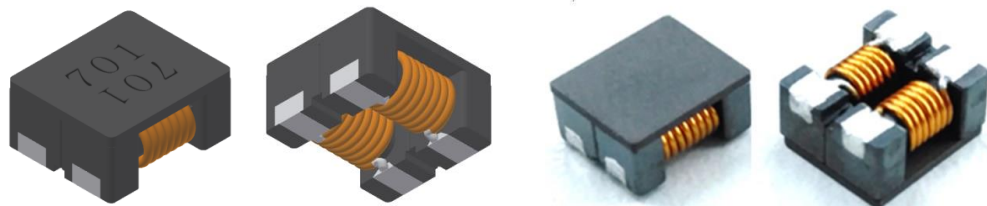
The product complies with AEC-Q200 automotive reliability standards and supports an operating temperature range from -40°C to +125°C. Its high-current design makes it an excellent choice for power applications.

Key Features:

- Qualified to meet AEC-Q200 automotive-grade reliability standards.
- Compliant with RoHS, REACH, Lead-Free, and other environmental regulations.
- Suitable for high-current and high-frequency applications.
- Manufactured with sectional winding structure.
- Available in a variety of sizes for flexible application.



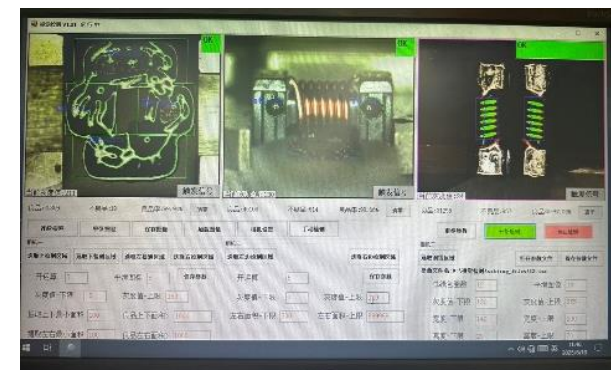
Product Structure and Manufacturing Process



Assembly Station



Automated Winding Station



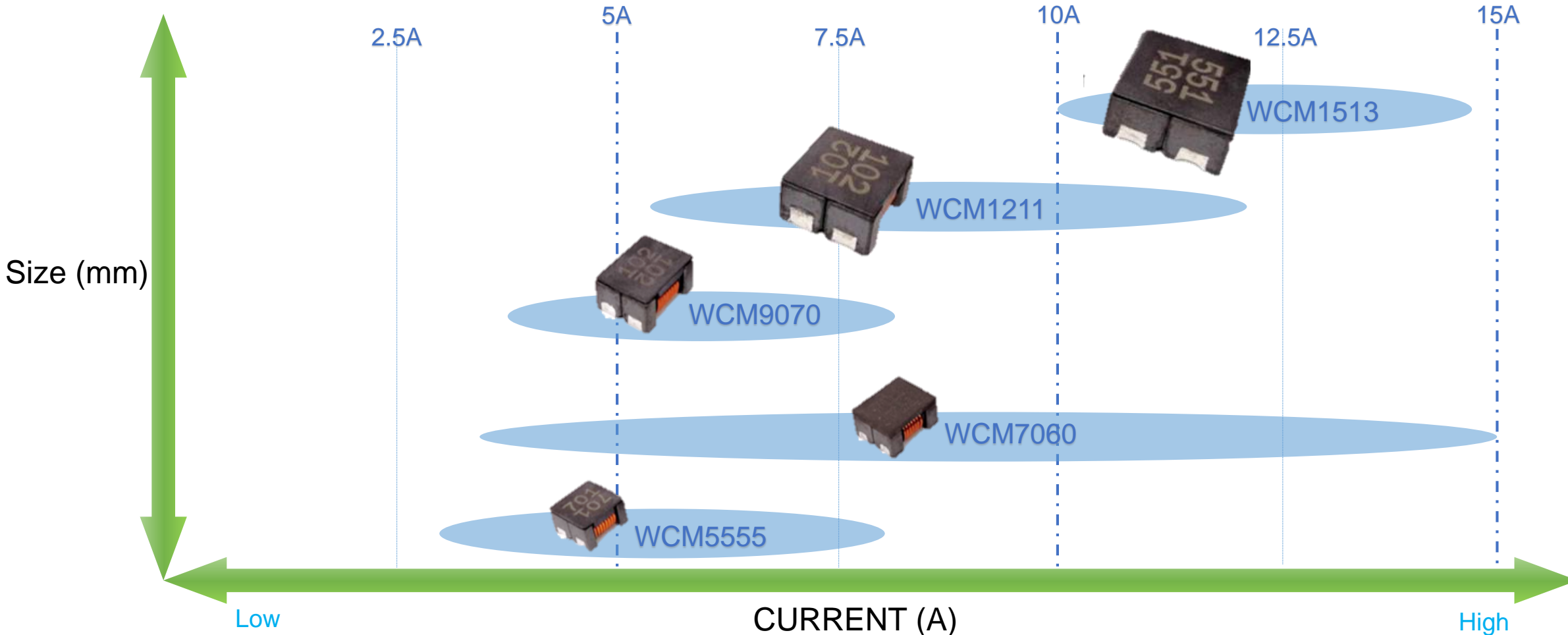
Test & Pack Station



Fully Automated
Manufacturing Process



Product Matrix

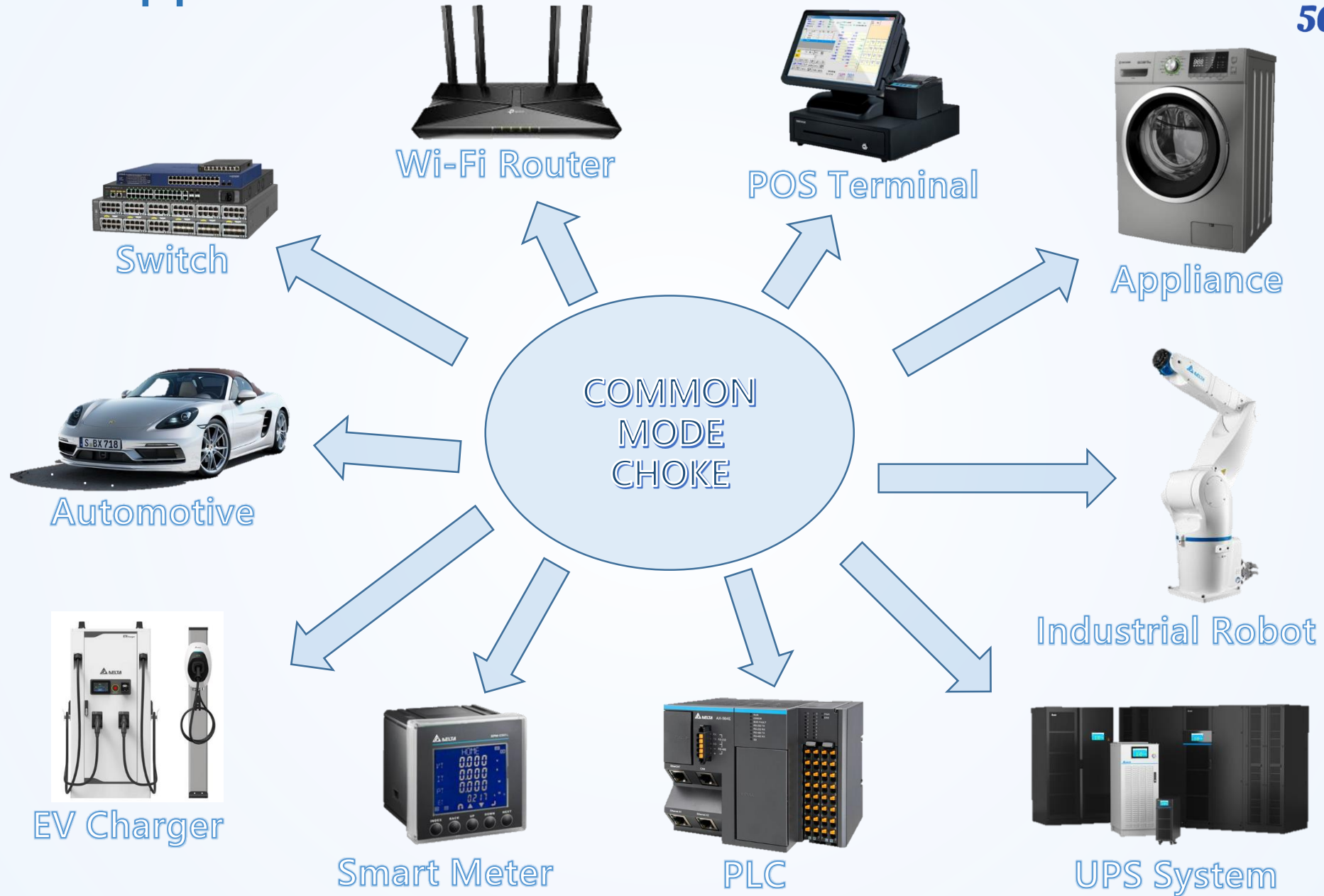


TAI-TECH proudly expands its automotive-grade common mode choke lineup—now supporting up to 20A DC power lines, outperforming comparable products in the market.

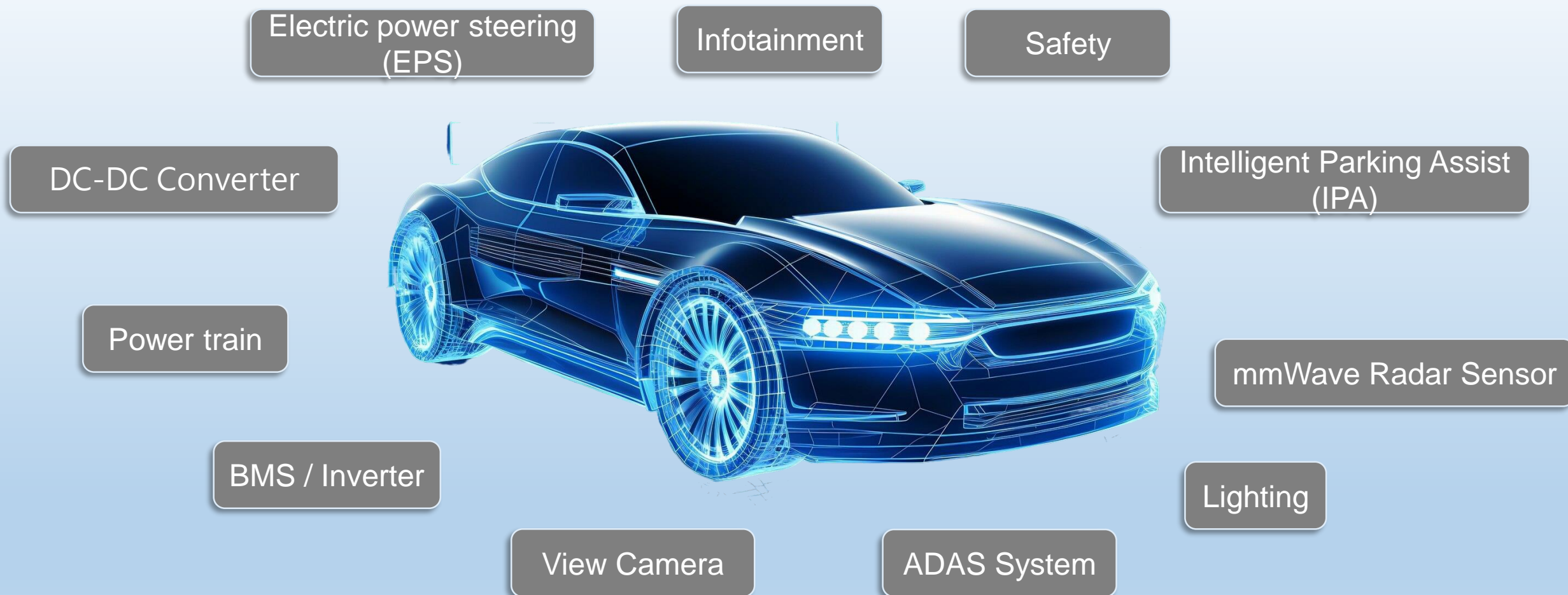
Engineered to deliver exceptional noise suppression across a wide frequency spectrum, our solution ensures reliable EMI filtering for next-generation in-vehicle electronics.

Whether you're building for safety, infotainment, or powertrain applications, TAI-TECH provides the performance and quality you can trust.

Product Application

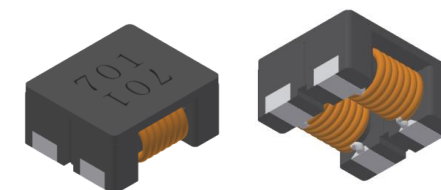


Product Application(Mainly in Automotive)

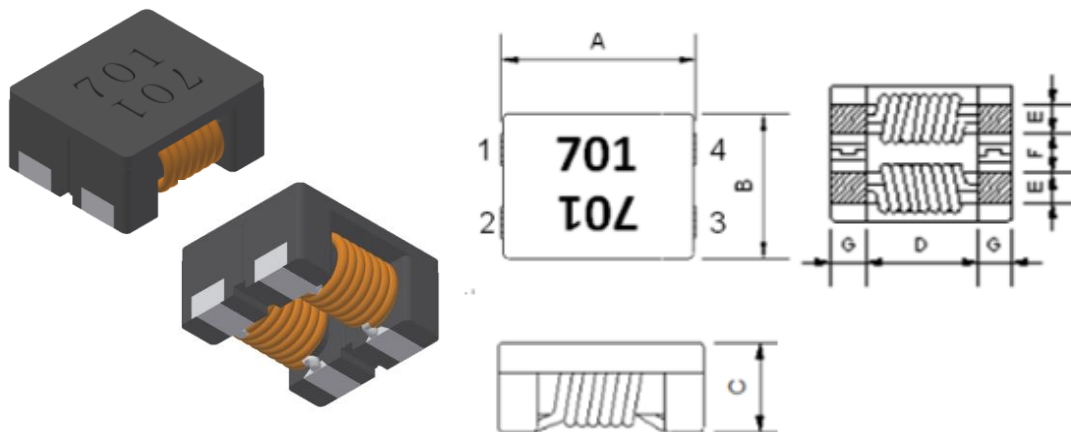


Cross Reference

TAI-TECH	TDK	MURATA	WURTH	PULSE	MAGLAYER	SUMIDA
WCM5555FASV	ACM55V	DLW5	-	APPM0005052	-	-
WCM7060FASV	ACM70V	-	744238*	APPM0007063	MCM-7060	-
WCM9070FASV	ACM90V	-	744239*	APPM0009074	MCM-9070	CPFC94B
WCM1211FASV	ACM12V	-	744237*	APPM001211	MCM-1211	CPFC11D60
WCM1513FASV	ACM15V	-	744240*	APPM001513	MCM-1513	-



Product Specification



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
WCM5555	5.5±0.5	5.5±0.5	3.5 max.	3.3typ.	1.2±0.5	1.9±0.5	1.1±0.5
WCM7060	7.0±0.5	6.0±0.5	3.8 max.	3.5 typ.	1.5±0.5	1.5±0.5	1.7±0.5
WCM9070	9.0±0.2	7.0±0.2	4.5 max.	5.3 typ.	1.5±0.5	2.1±0.5	1.8±0.5
WCM1211	12.0±0.3	11.0±0.3	6.0 max.	6.7 typ.	2.7±0.5	2.6±0.5	2.6±0.5
WCM1513	5.0±0.5	13.0±0.4	6.0 max.	9.3 Typ.	2.7±0.5	3.6±0.5	2.8±0.5

TAI-TECH Part Number	Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc) max.	Insulation Resistance (MΩ) min.
	min.	typ.					
WCM5555FASV-SERIES-LM	100~1400		100	60~38	2.8~8.5	80	10
WCM7060FASV-SERIES-LM	40~1300		100	5~20	3~15	80	10
WCM9070FASV-SERIES-LM	500~2700		100	6~32	3.5~8	80	10
WCM1211FASV-SERIES-LM	500~1700		100	4~12	5.5~11	80	10
WCM1513FASV-SERIES-LM	300~700		100	3.5~5	10~14	125	10

THANK YOU

Magnetizing the Possibility



03-464-1148



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OTC Code TAI-TECH 3357