Automotive Networking Designer Kit

Pulse
Electronics
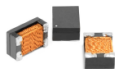**NETWORKING**

Pulse Electronics Chokes and Isolation Transformers
for the latest in-car Ethernet Communication Networks. Pulse components are used in
multiple applications including ADAS, Infotainment, Safety and Telemetry systems.

These products are approved by the leading IC Vendors, operate over a wide
temperature range, and are AEC-Q200 qualified.

ROHS COMPLIANT

AEC-Q200

APPROVED SILICON VENDORS : BROADCOM - MARVEL - NXP - AQUANTIA - MICROCHIP

Parts Lists: UKIT-007AE

PART No.	No. of Parts Per Kit	Description	Hi-Pot Isolation	Package Size (mm) (L x W x H)	Operation Range	Approved IC
HM0068ANL	5	100BASE-TX	1500Vrms	12.7 x 9.40 x 5.97	-40 - 105ºC	Marvel/Microchip
HM1188NL	5	100BASE-TX	1500Vrms	12.7 x 9.40 x 2.10	-40 - 105ºC	Marvel/Microchip
HM1225NL	5	MOST	1500Vrms	12.7 x 9.40 x 5.97	-40 - 95ºC	Marvel/Microchip
HM1234FNL	4	100BASE-TX	1500Vrms	28. x 15.2 x 7.62	-40 - 105ºC	Marvel/Microchip
HM5004EFNL	5	1000BASE-T	1500Vrms	14.7 x 14.9 x 3.45	-40 - 105ºC	Marvel/Microchip
HM5149NL	5	1000BASE-T	1500Vrms	8.37 x 9.27 x 6.73	-40 - 105ºC	Marvel/Microchip
HM6098FNL	5	1000BASE-T	1500Vrms	14.8 x 14.7 x 4.88	-40 - 105ºC	Marvel/Microchip
TM8116NL	5	CAN CMC	500Vdc	9.52 x 6.2 x 3.72	-40 - 105ºC	ST/AD/Microchip
PE-1206CCMC222STS	10	CAN-FD CMC	500Vdc	1812 (4.5x3.2x3.0)	-40 - 125ºC	ST/AD/Microchip
PE-1812ACC101STS	10	CAN-FD CMC	500Vdc	1812 (4.5x3.2x3.0)	-40 - 125ºC	ST/AD/Microchip
PE-1812ACC510STS	20	CAN CMC	500Vdc	1812 (4.5x3.2x3.0)	-40 - 125ºC	ST/AD/Microchip
AE2002	20	100BASE-T1 CMC	125Vdc	1812 (4.5x3.2x3.0)	-40 - 125ºC	BCM/NXP
AE3003	20	100BASE-T1 PoDL CMC	125Vdc	2511 (6.5x4.5x2.6)	-40 - 125ºC	BCM/NXP
AE5002	20	1000BASE-T1 CMC	125Vdc	1812 (4.5x3.2x3.0)	-40 - 125ºC	Marvel/Aquantia

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