



LAN PRODUCTS

10BASE-T ISOLATION TRANSFORMER MODULES

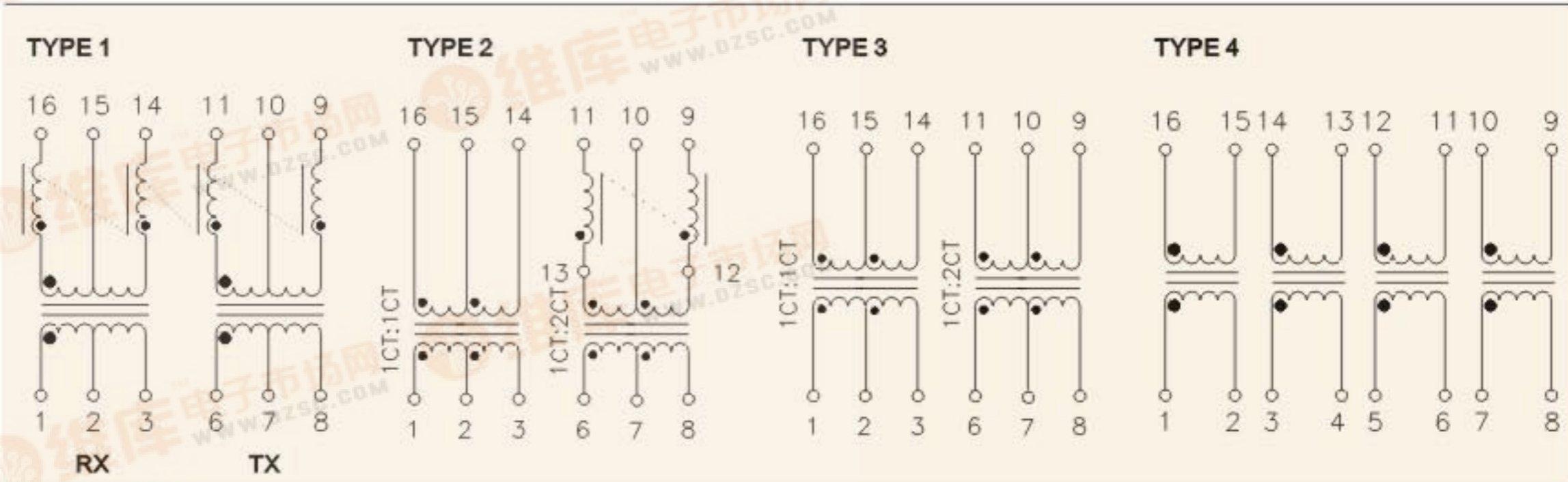
- Designed to meet or exceed IEEE802.3 10Base-T specifications
- Minimum Isolation Voltage: 1500 Vrms
- Surface mount, IC grade, package withstands 235°C peak temperature profile



ELECTRICAL SPECIFICATIONS

Single Port									
Part Number	Turns Ratio		Primary OCL(Min)	Primary DCR(Max)	Leakage Inductance(Max)	Interwinding Capacitance(Max)	Schematic	Form	Isolation (Vrms Min)
	TX	RX							
HR611206	1CT:1CT	1CT:1CT	140 uH	0.50 ohms	0.40 uH	15 pF	1	D(THT)	1500
HR601620	1CT:2CT	1CT:1CT	112 uH	0.60 ohms	0.30 uH	15 pF	2	A(SMT)	1500
HR601625	1CT:2CT	1CT:1CT	140 uH	0.60 ohms	0.30 uH	15 pF	1	A(SMT)	1500
HR601627	1CT:2.5CT	1CT:1CT	140 uH	0.40 ohms	0.40 uH	15 pF	1	A(SMT)	1500
HR601629	1CT:1.41CT	1CT:1CT	200 uH	0.60 ohms	0.30 uH	15 pF	1	A(SMT)	1500
HR60162H	1CT:2CT	1CT:1CT	140 uH	0.60 ohms	0.40 uH	15 pF	3	A(SMT)	1500
Dual Port									
Part Number	Turns Ratio		Primary OCL(Min)	Primary DCR(Max)	Leakage Inductance(Max)	Interwinding Capacitance(Max)	Schematic	Form	Isolation (Vrms Min)
	TX	RX							
HR611625	1:1	1:1	80 uH	0.40 ohms	0.40 uH	12 pF	4	D(THT)	1500
HR612040	1CT:1	1CT:1	100 uH	0.40 ohms	0.30 uH	15 pF	5	C(THT)	1500
Quad Port									
Part Number	Turns Ratio		Primary OCL(Min)	Primary DCR(Max)	Leakage Inductance(Max)	Interwinding Capacitance(Max)	Schematic	Form	Isolation (Vrms Min)
	TX	RX							
HR604030	1CT:1.41CT	1:1	140 uH	0.40 ohms	0.30 uH	15 pF	6	B(SMT)	1500
HR604035	1CT:1CT	1:1	100 uH	0.40 ohms	0.40 uH	12 pF	7	B(SMT)	1500

Schematic



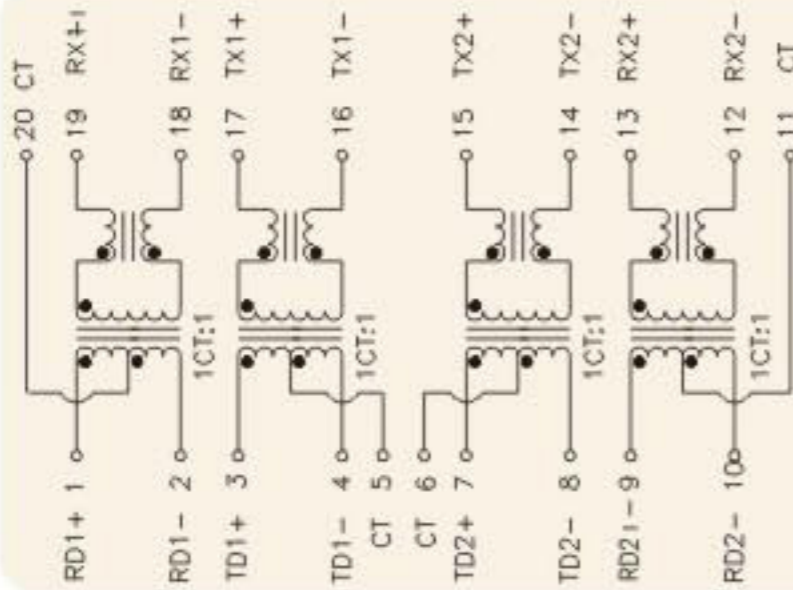
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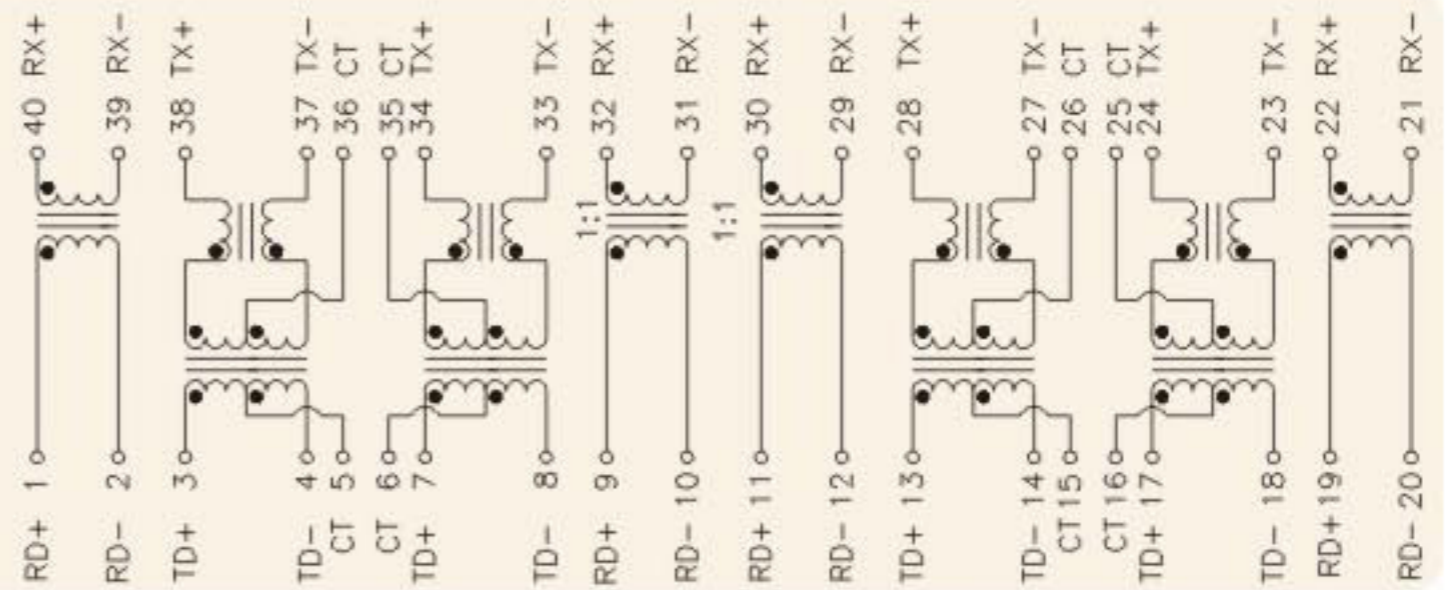
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Schematics

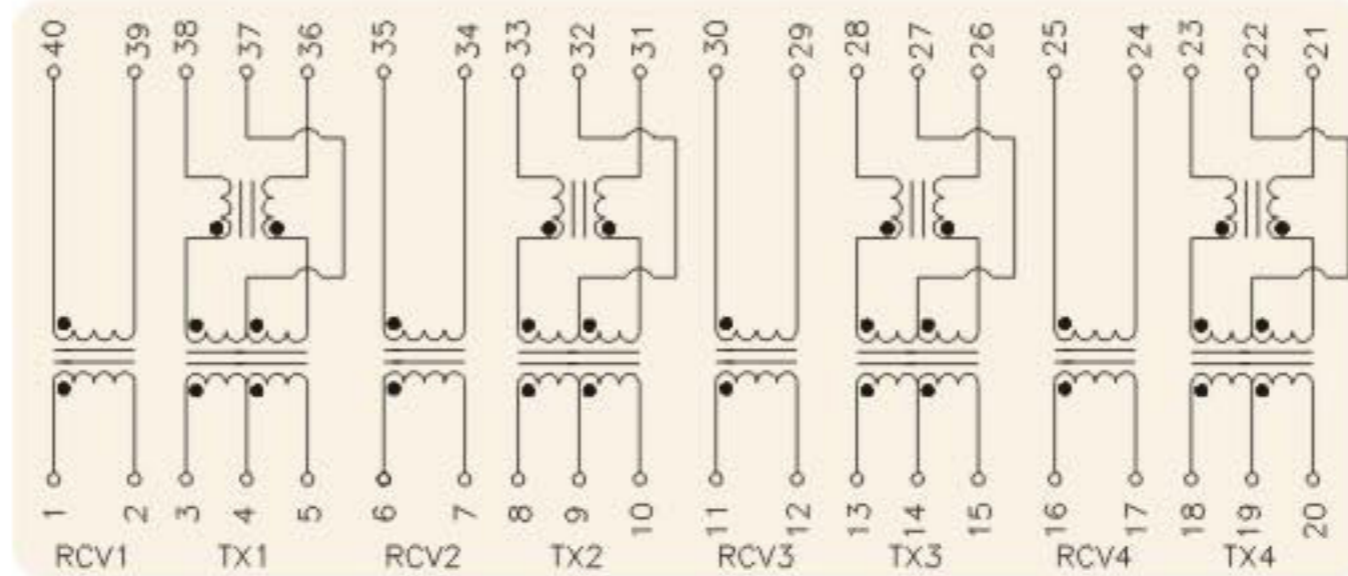
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TYPE 5

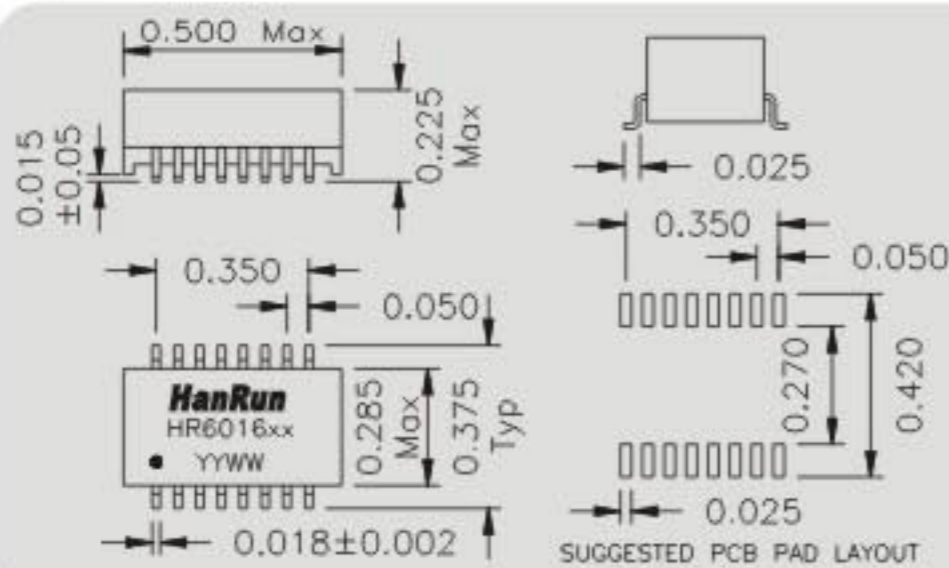


TYPE 6

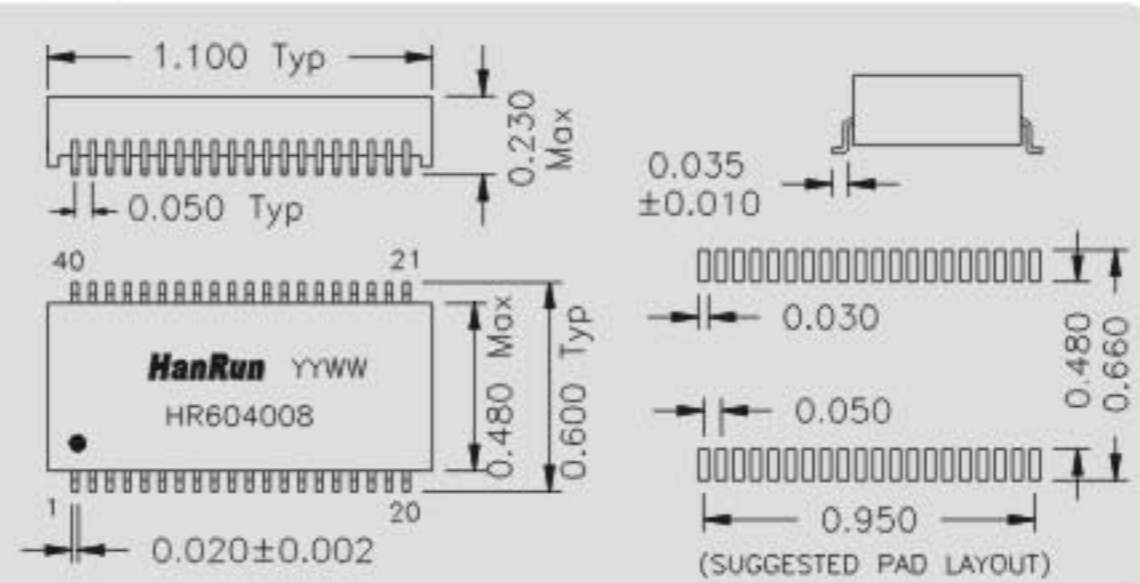


Mechanicals(inch)

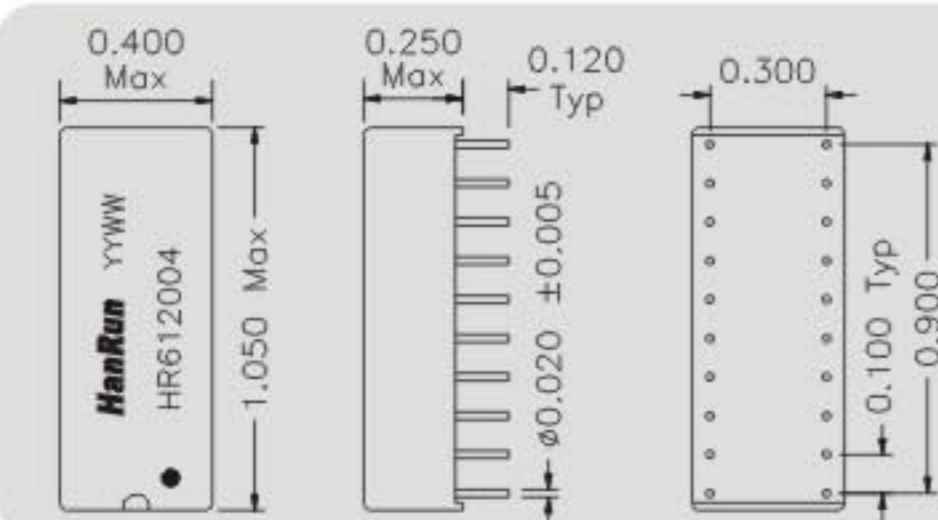
A TYPE



B TYPE



C TYPE



D TYPE

