

LAN PRODUCTS

10/100/1000BASE-T TRANSFORMER MODULES

- Compliant IEEE 802.3ab Standard for 1000 Base-T
- Designed for Long haul Gigabit Ethernet(10/100/1000 Base-T) Applications
- Cable Interface for Isolation and Low Common Mode Emissions



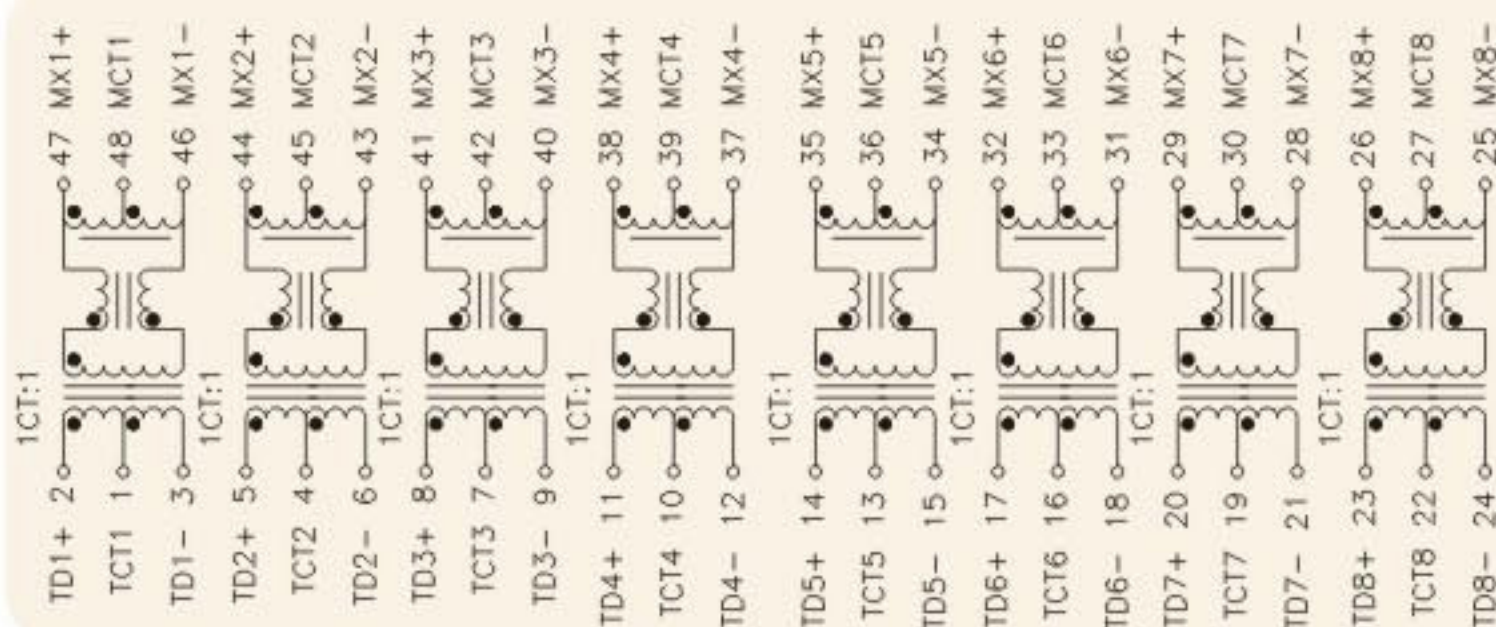
ELECTRICAL SPECIFICATIONS

Single Port													
Part Number	Turns Ratios	Insertion Loss 1-100MHz(dB Min)	Return Loss (dB Max)					D.C.M.R (dB Max)			Crosstalk(dB Max)		
			1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
HR602401	1CT:1CT	-1.1	-18	-18	-16	-12	-10	-43	-37	-33	-45	-40	-35
HR602402	1CT:1CT	-1.1	-18	-18	-16	-12	-10	-43	-37	-33	-45	-40	-35
HR602408	1CT:1CT	-1.1	-18	-18	-16	-12	-10	-43	-37	-33	-45	-40	-35
HR602410	1CT:1CT	-1.1	-18	-18	-16	-12	-10	-43	-37	-33	-45	-37	-35
Dual Port													
Part Number	Turns Ratios	Insertion Loss 1-100MHz(dB Min)	Return Loss (dB Max)					D.C.M.R (dB Max)			Crosstalk(dB Max)		
			1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
HR604808	1CT:1CT	-1.4	-16	-14	-13	-12	-10	-43	-37	-33	-43	-40	-33
HR604814	1CT:1CT	-1.4	-16	-14	-13	-12	-10	-43	-37	-33	-43	-40	-33

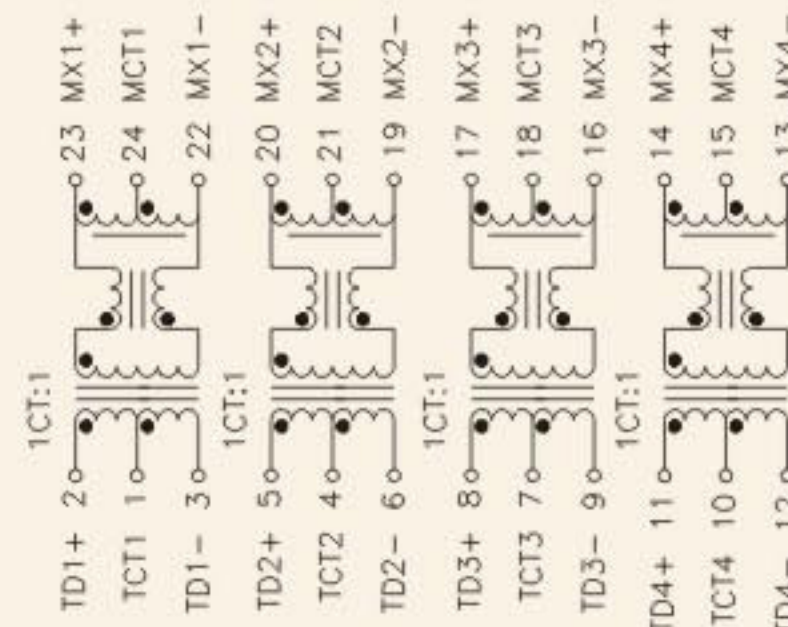
D.C.M.R: Differential to Common Mode Rejection

Schematic

HR604808



HR602401/602408



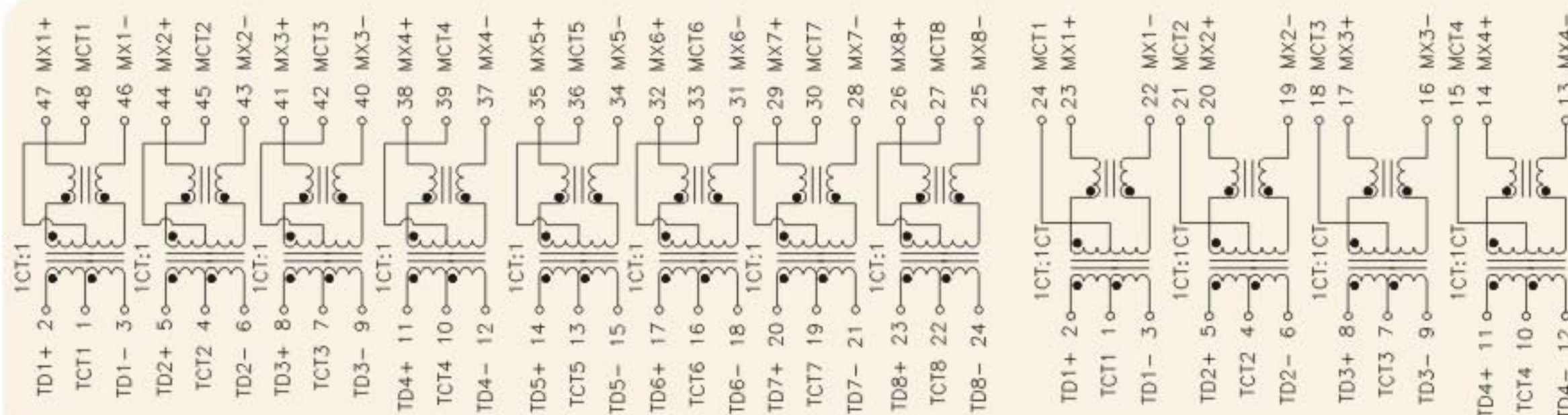
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Schematic

HR604814

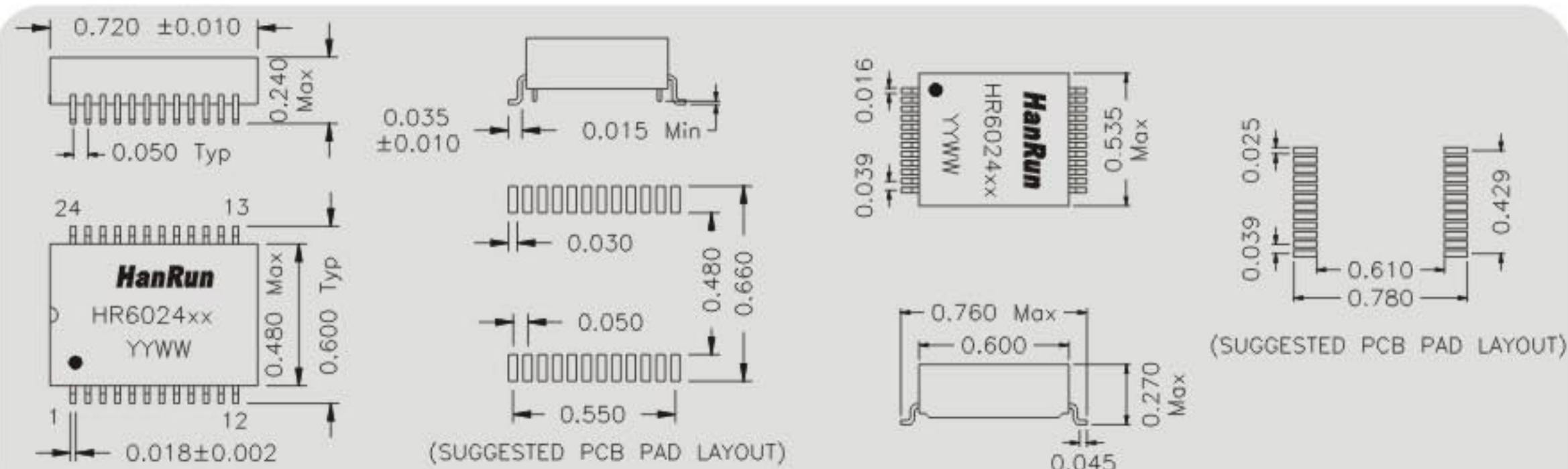
HR602402/602410



Mechanicals(inches)

HR602401/602402

HR602408/602410



HR604808/604814

