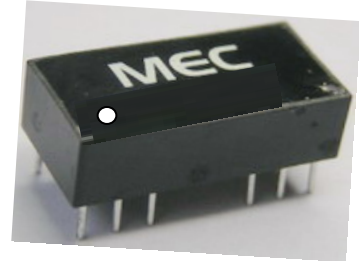


MEC

MINGSTAR ELECTRONIC CORP.

SINGLE 10/100 BASE –TX TRANSFORMER



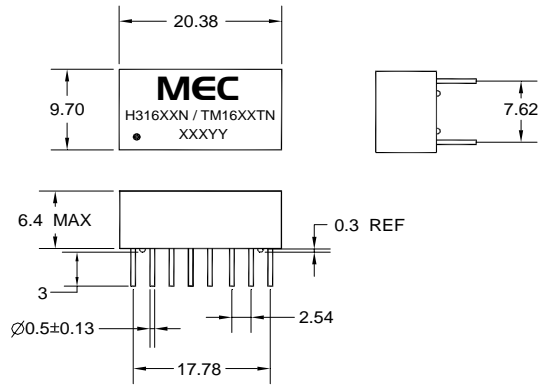
FEATURES

- Designed for 10/100 MB/s transmission DVER UTP-5 cable.
- Primary Inductance 350 μ H MIN with 8mA DC Bias.
- Designed to meet IEEE 802.3u requirement.
- Isolation Voltage : 1500 Vrms

Part Number	Turns Ratio Pri:Sec(\pm 3%)		Insertion Loss (dB MAX)	Return Loss (dB TYP)			Crosstalk (dB TYP)			Differential to Common Mode Rejection (dB TYP)			Common to common Rejection Ratio (dB TYP)
	TX	RX		0.1~100 MHz	30 MHz	60 MHz	80 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	
H31603N	1:1	1:1	-1.15	-16	-13	-10	-45	-40	-35	-40	-35	-30	-35
H31604N	1:1	1:1	-1.0	-16	-14	-10	-40	-38	-35	-42	-38	-33	TX/ RX:-40/-35
H31605N	1:1	1:1	-1.1	-16	-10	-10	-45	-40	-38	-40	-35	-30	-32
H31607N	1:1	1:1	-1.0	-16	-14	-10	-45	-40	-38	-42	-38	-35	-35
H31608N	1:1	1:1	-1.0	-16	-14	-10	-43	-40	-35	-45	-40	-35	-35
H31609N	1:1	1:1	-1.15	-16	-13	-10	-45	-40	-38	-42	-40	-35	-30
H31610N	1:1	1:1	-1.1	-16	-13	-11	-45	-40	-38	-45	-38	-35	-40
H31611N	1:1	1:1	-1.1	-18	-12	-11	-42	-38	-35	-40	-35	-30	-33
H31612N	1:1	1:1	-1.15	-16	-13	-10	-45	-40	-38	-42	-40	-35	-35
H31615N	1:1	1:1	-1.1	-14	-12	-10	-40	-38	-35	-40	-35	-30	-30
H31616N	1:1	1:1	-1.1	-16	-13	-11	-42	-38	-35	-40	-35	-30	-32
H31617N	1:1	1:1	-1.15	-16	-13	-10	-44	-40	-38	-42	-40	-35	-35
H31618N	1:1	1:1	-1.1	-16	-14	-10	-42	-38	-35	-40	-35	-30	-35
H31620N	1:1	1:1	-1.15	-16	-13	-12	-45	-45	-35	TX/RX:42/40	TX/RX:35/30	TX/RX:28/25	-30
H31621N	1:1	1:1	-1.0	-18	-15	-12	-43	-40	-38	-45	-40	-35	-32
H31625N	1:1	1:1	-1.15	-16	-13	-10	-43	-40	-38	-42	-40	-35	-35
H31626N	1:1	1:1	-1.15	-16	-13	-10	-44	-40	-38	-42	-40	-35	-30
H31628N	1:1	1:1	-1.15	-16	-13	-10	-45	-40	-38	-42	-40	-35	-35
H31630N	1:1	1:1	-1.15	-16	-13	-10	-45	-40	-38	-40	-38	-35	-35
H31631N	1:1	1:1	-1.15	-16	-13	-10	-44	-40	-38	-42	-40	-35	-35
H31634N	1:1	1:1	-1.15	-16	-13	-10	-42	-40	-38	-40	-38	-35	-33
H31641N	1:1	1:1	-1.1	-14	-12	-10	-45	-40	-35	-40	-35	-30	-35
H31642N	1:1	1:1	-1.15	-16	-13	-10	-45	-40	-38	-42	-40	-35	-30
H31645N	1:1	1:1	-1.1	-18	-13	-11	-40	-38	-35	-40	-35	-30	-35
H31646N	1:1	1:1	-1.15	-16	-13	-10	-42	-40	-38	-42	-40	-35	-32

- Electrical Specifications @25°C-Operating Temperature 0°C to 70°C.

Mechanicals

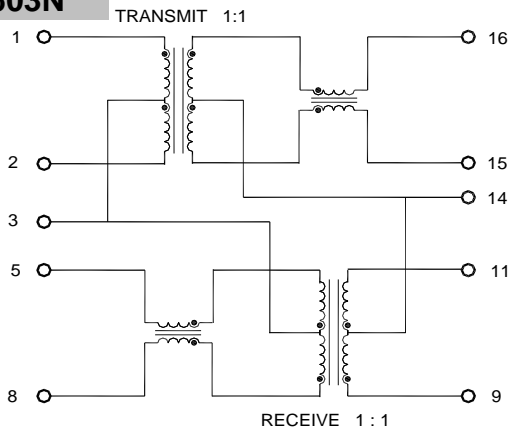


Dimensions:mm

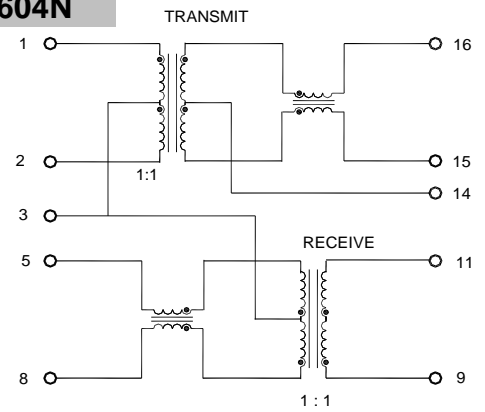
Unless otherwise specified , all tolerances ± 0.25

Schematics

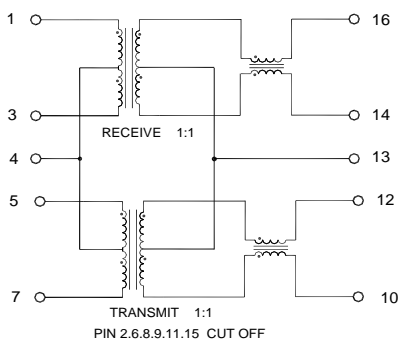
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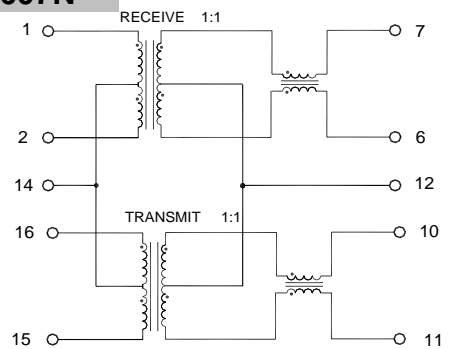
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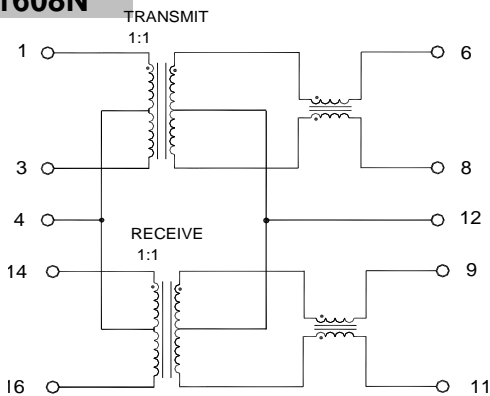
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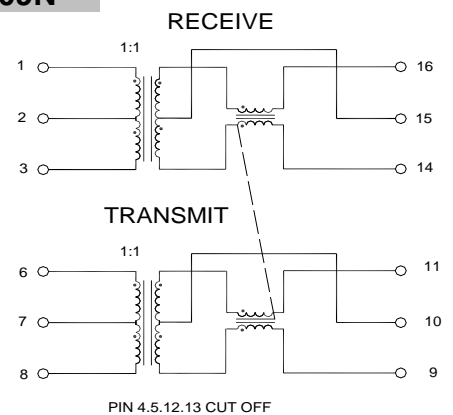
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H31608N

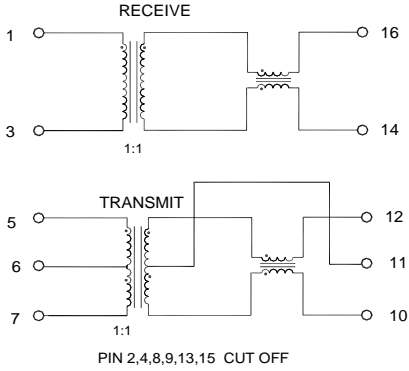


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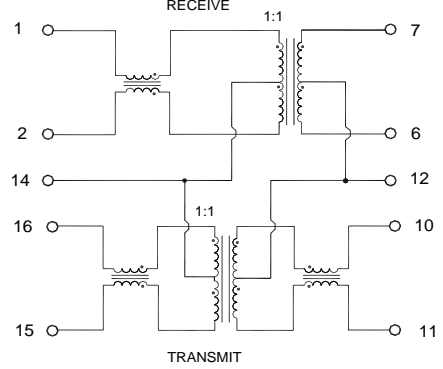


Schematics

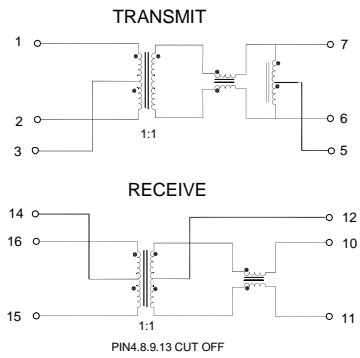
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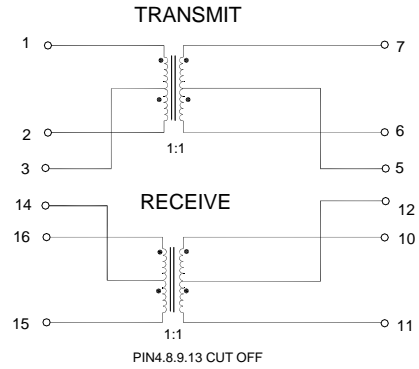
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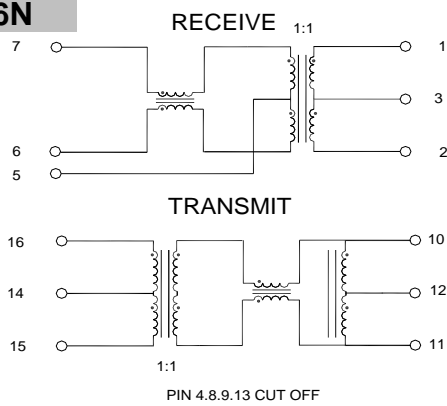
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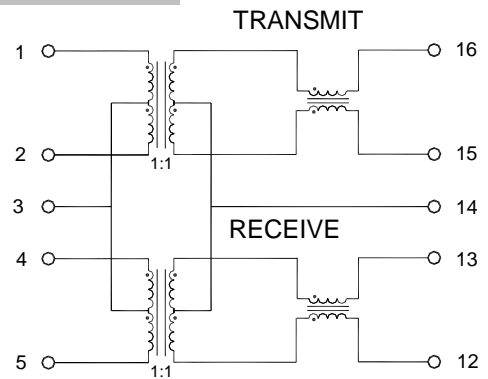
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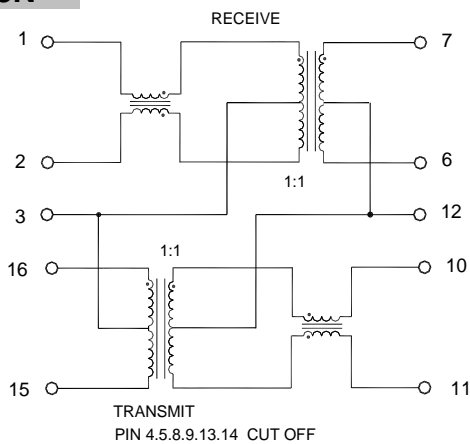
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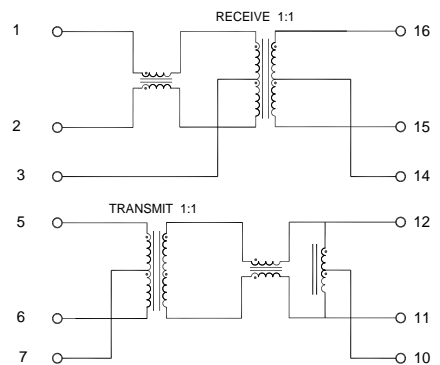
H31617N



H31618N

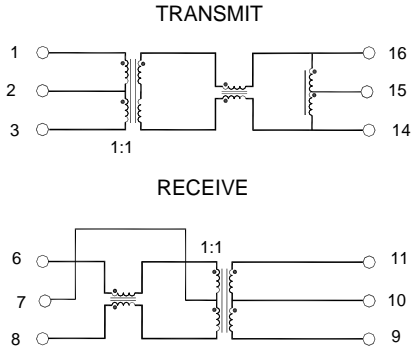


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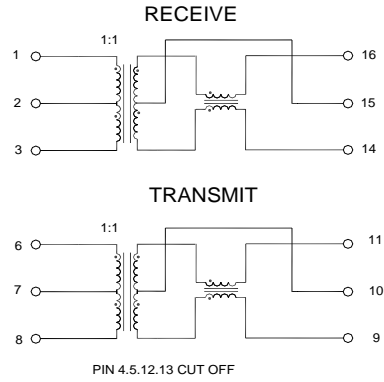


Schematics

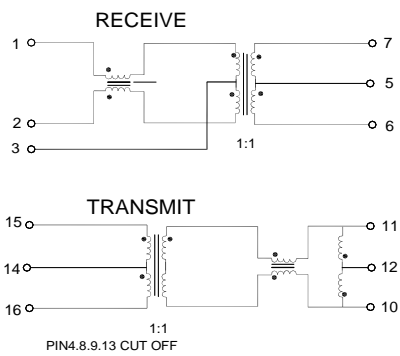
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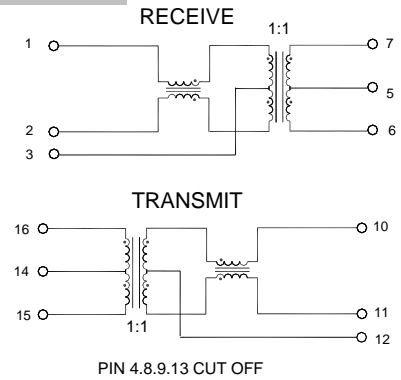
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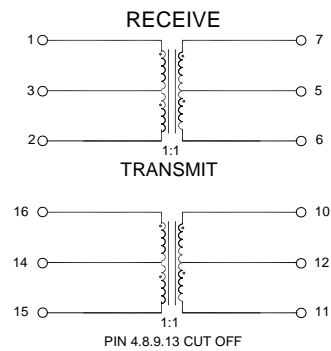
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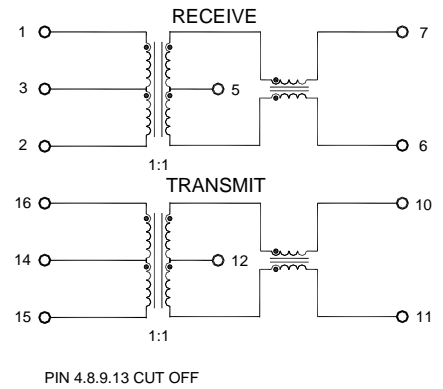
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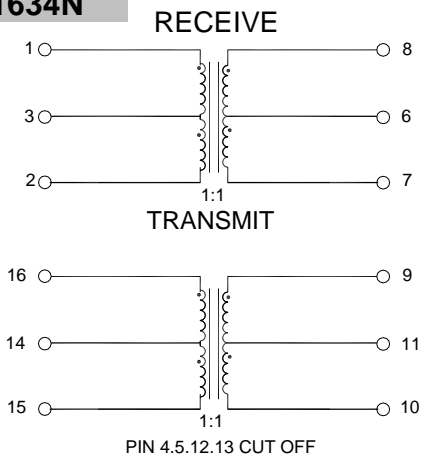
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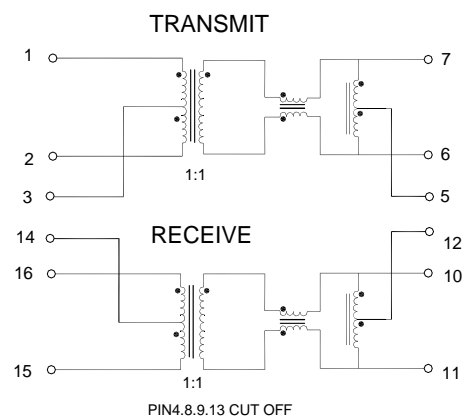
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H31634N

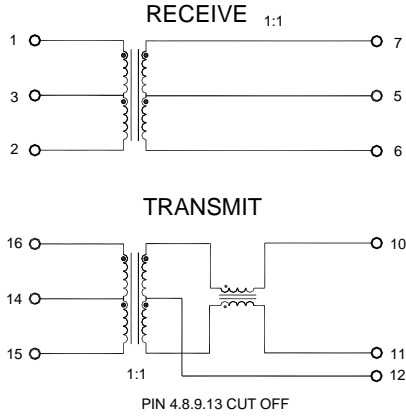


H31641N

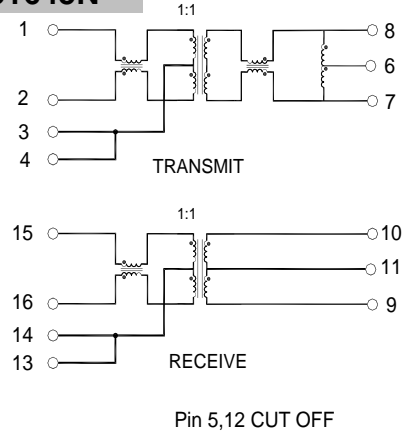


Schematics

H31642N



H31645N



H31646N

