



United-tek

10/100M Base Transformer

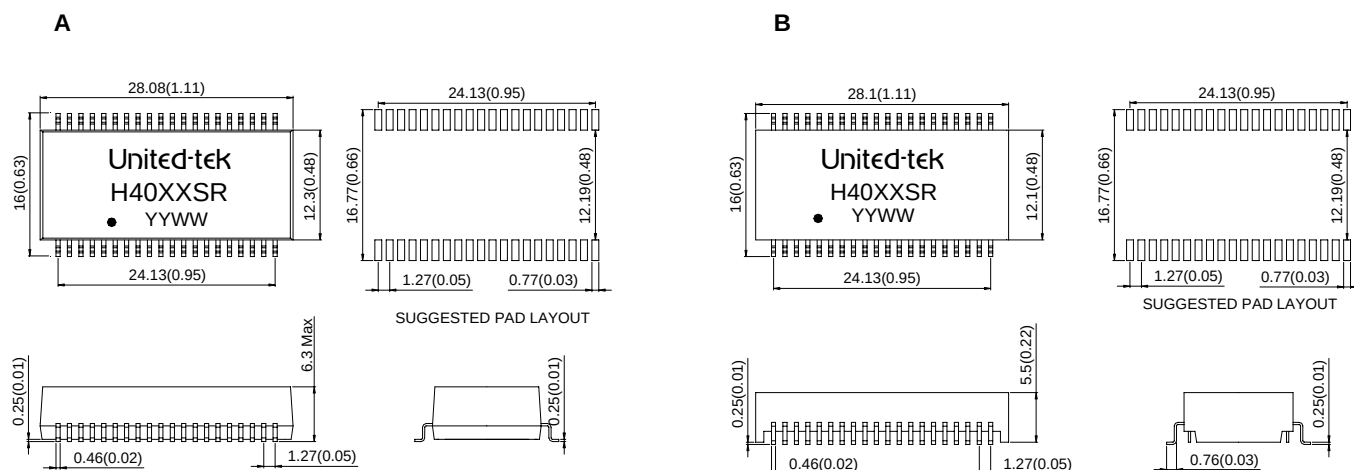
Features

- Compliant with IEEE 802.3 standard.
- Designed for multiport repeater & Ethernet Switching Hub application
- Primary inductance: 350uH Min. @ 100KHz 0.1Vrms 8mA
- RoHS compliant



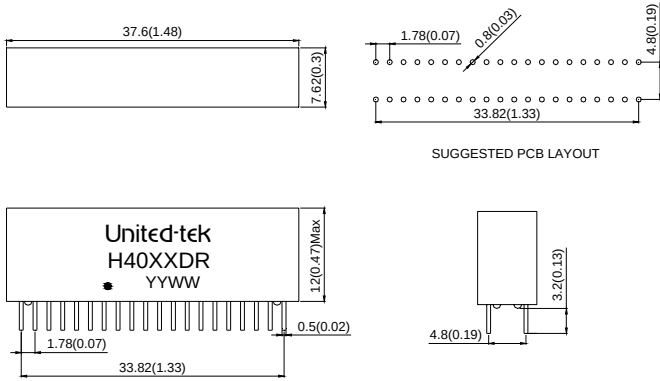
Electrical Specification@25°C Operating Temperature 0 to 70°C											
Part No.	Insertion loss	Return loss				CMRR		Cross talk		Isolation	Package
	(dB Max)	(dB Typical .)				(dB Min .)		(dB Min .)		Voltage	
	1-100MHz	MHz				MHz		MHz		(Vrms Min)	
		1-30	40	50	60-80	0.1-60	60-100	0.1-60	60-100		
H4001SR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	B
H4002SR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	B
H4003SR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	A
H4004SR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	A
H4005SR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	B
H4006SR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	B
H4007SR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	B
H4001DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	C
H4002DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	C
H4003DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	C
H4004DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	C
H4005DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	C
H4006DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	D
H4007DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	D
H4008DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	D
H4009DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	D
H4010DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	C
H4011DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	E
H4012DR	-1.0	-18	-14.4	-13.1	-12	-42	-40	-40	-38	1500	C

Dimension:

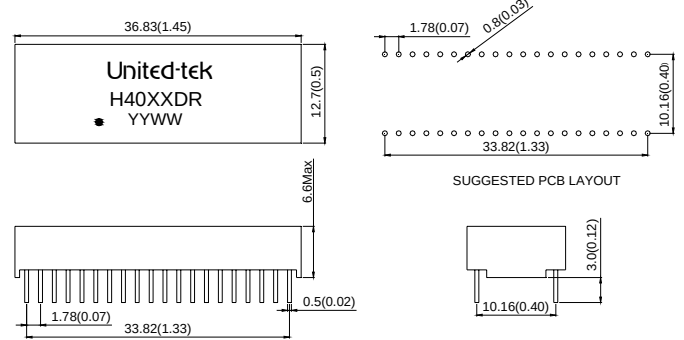


Dimension: mm(inch)+/-0.25(0.01)

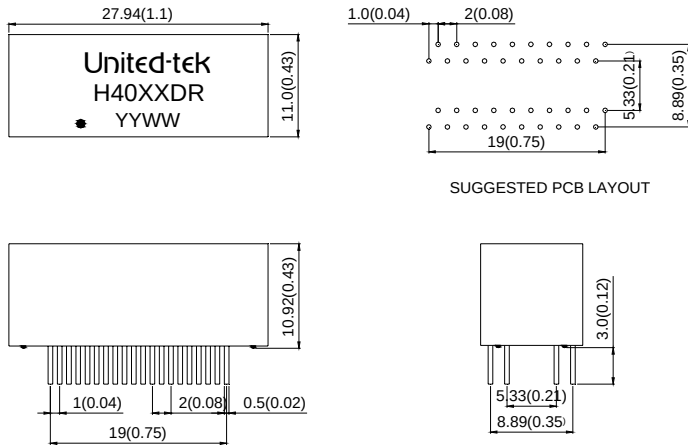
C



D

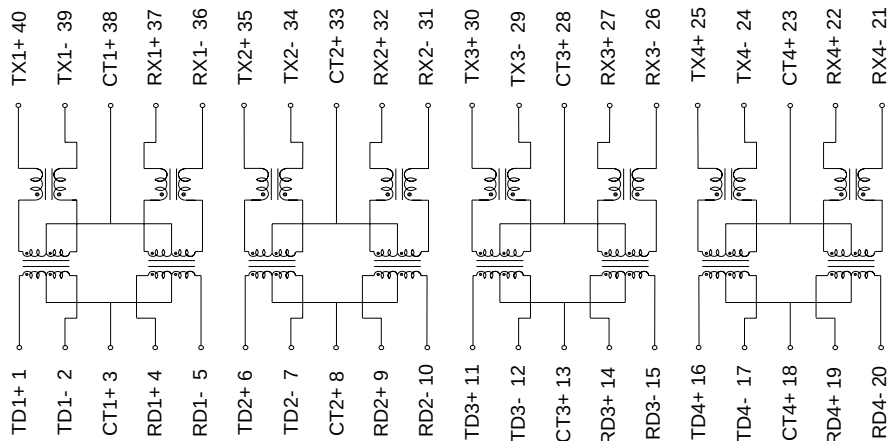


E



Schematic

H4001SR, H4003SR, H4002DR, H4007DR, H4011DR



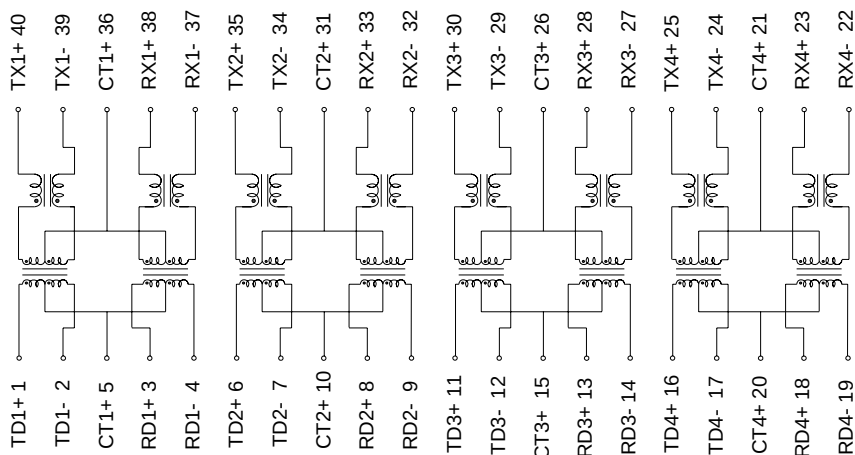


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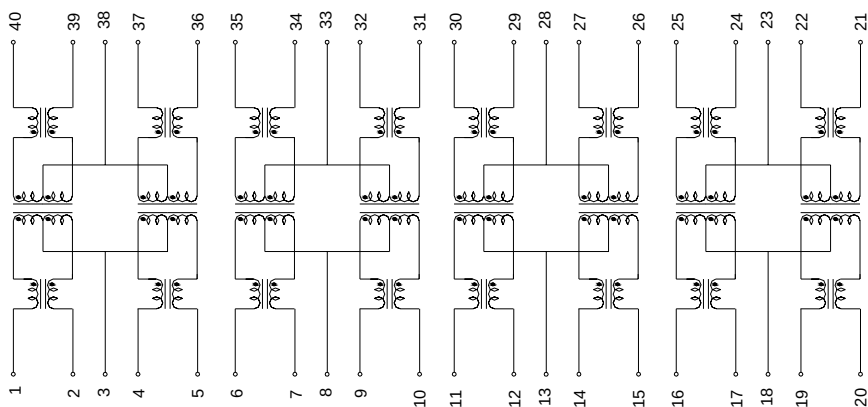
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Schematic

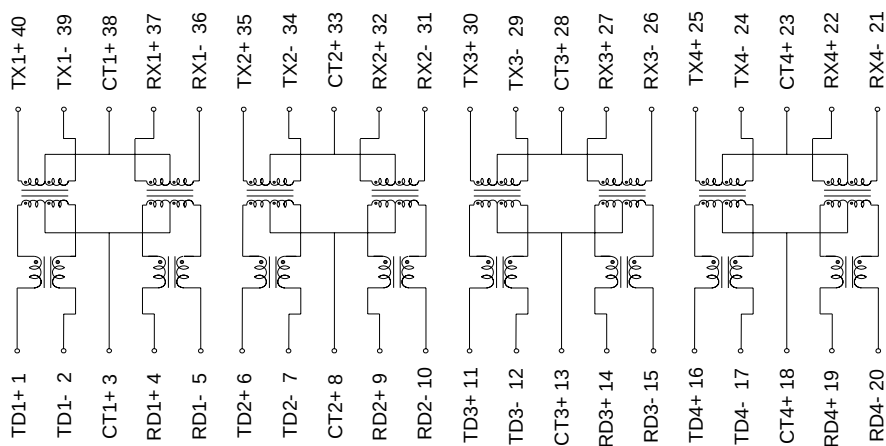
H4005SR,H4001DR



H4006DR

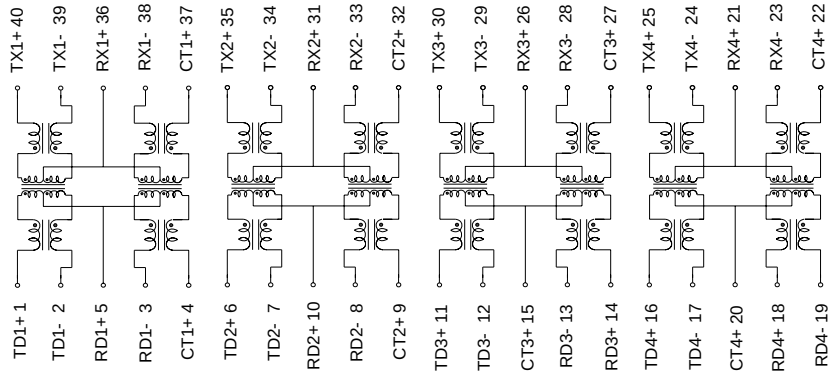


H4002SR,H4004SR,H4006DR,H4008DR

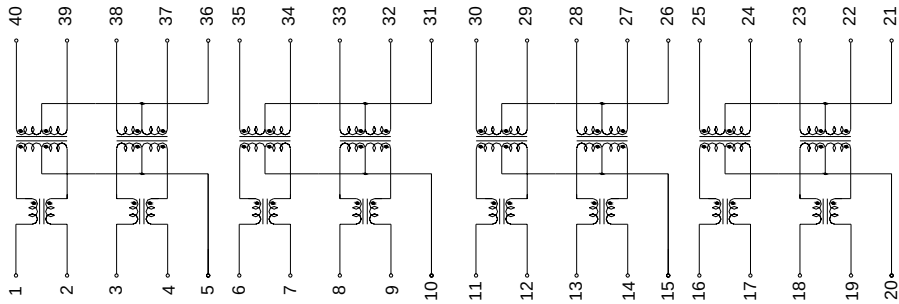


Schematic

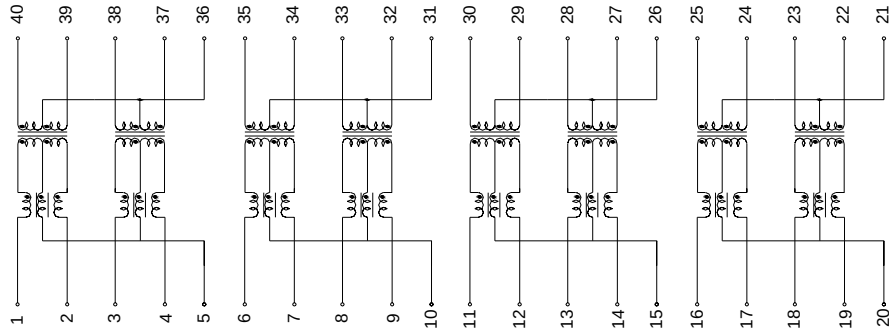
H4006SR,H4004DR,H4009DR



H4010DR



H4012DR



H4007SR,H4005DR

