

## TELECOMMUNICATIONS PRODUCTS

### T1/E1/CEPT/ISDN-Pri Transformer Solutions

- Models matched to leading transceiver ICs
- Minimum Isolation Voltage: 1500 Vrms
- Lead-Free or Reduced-Lead versions available upon request



### ELECTRICAL SPECIFICATIONS

Single Port									
Part Number	Turns Ratio	Primary OCL(mH Min)	Pri. DCR (ohms Max)	LL (uH Max)	Cw/w (pF Max)	Primary Pins	Sch	Form	Isolation (Vrms Min)
HR610501	1:2CT	1.20	0.70	0.40	40	1-3	1	A(THT)	1500
HR610502	1:1CT	1.20	0.70	0.50	40	6-4	2	A(THT)	1500
HR610601	1:2CT	1.20	0.70	0.40	40	2-6	3	B(THT)	1500
HR610602	1:1	1.20	0.70	0.50	25	1-2	5	B(THT)	1500
HR610603	1:1.36CT	1.20	0.70	0.60	35	1-5	6	B(THT)	1500
HR610610	1CT:2CT	1.20	0.70	0.50	35	1-5	7	B(THT)	1500
HR611003	1CT:2CT	1.20	0.70	0.80	35	1-5	10	C(THT)	3000
HR610828	1:1:1	1.20	0.70	0.50	40	1-7	9	D(THT)	1500
HR600655	1CT:2CT	1.20	0.70	0.50	40	1-3	11	E(SMT)	1500
HR600651	1CT:1CT	1.20	0.70	0.50	40	1-3	11	E(SMT)	1500
Dual Port									
Part Number	Turns Ratio	Primary OCL(mH Min)	Pri. DCR (ohms Max)	LL (uH Max)	Cw/w (pF Max)	Primary Pins	Sch	Form	Isolation (Vrms Min)
HR601601	1CT:1CT 1CT:1CT	1.20 1.20	0.70 0.70	0.60 0.60	30 30	6-8 14-16	13	F(SMT)	1500
HR601612	1CT:2.42CT 1CT:2.42CT	1.20 1.20	0.70 0.70	0.60 0.60	35 35	1-3 6-8	13	F(SMT)	1500
HR60160H	2CT:1/1.26 2CT:1/1.26	1.50 1.50	1.40 1.40	1.50 1.50	50 50	1-3 6-8	14	F(SMT)	1500
HR601210	1:1/1.26 1:1/1.26	1.50 1.50	0.80 0.80	0.40 0.40	45 45	7-9 12-10	16	H(SMT)	1500
HR601213	1CT:1.15CT 1CT:1CT	1.20 1.20	0.70 0.70	0.60 0.60	35 35	1-3 4-6	18	H(SMT)	1500
HR611456	1CT:2CT 1:1	1.20 1.20	0.70 0.70	0.55 0.50	30 30	1-3 5-7	17	G(THT)	1500
HR611653	1CS:1.41CS 1CS:1.41CS	1.00 1.00	0.70 0.70	0.50 0.50	35 35	1-4 5-8	19	I(THT)	3000
Quad Port									
Part Number	Turns Ratio	Primary OCL(mH Min)	Pri. DCR (ohms Max)	LL (uH Max)	Cw/w (pF Max)	Primary Pins	Sch	Form	Isolation (Vrms Min)
HR603208	1:1.16 1:2	1.20 1.20	0.60 0.60	0.80 0.80	35 35	1-3 28-26 10-12 19-17	20	J(SMT)	1500
HR603209	1:1.36CT 1:1.36CT	1.20 1.20	0.60 0.60	0.50 0.50	35 35	1-3 5-7 10-12 14-16	21	J(SMT)	1500

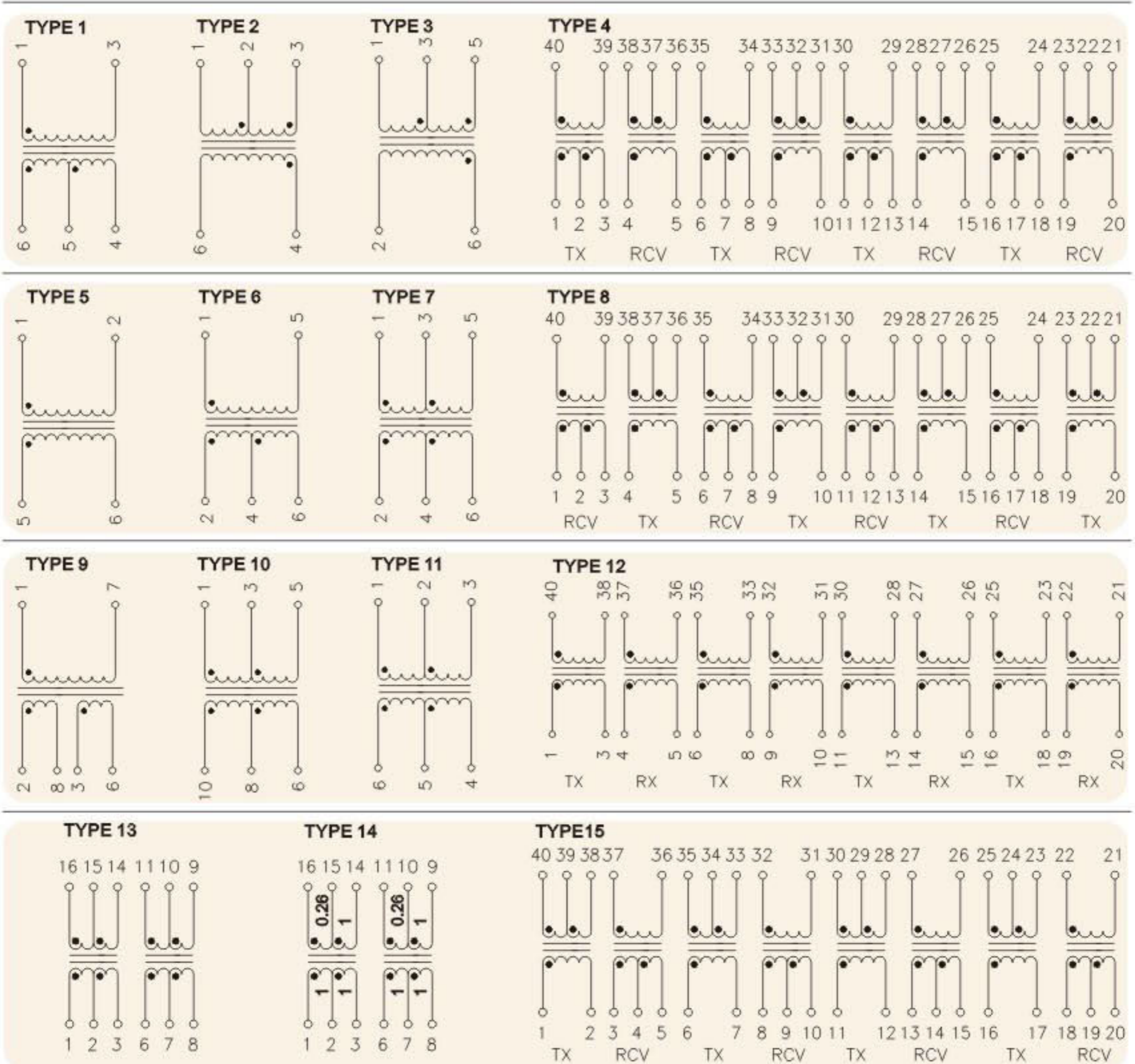
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#### ELECTRICAL SPECIFICATIONS

Octal Port																
Part Number	Turns Ratio	Primary OCL(mH Min)		Pri. DCR (ohms Max)		LL (uH Max)		Cw/w (pF Max)		Primary Pins				Sch	Form	Isolation (Vrms Min)
HR604060	1:1.36CT 1:2CT	1.20	1.20	0.70	0.70	0.60	0.60	35	35	40-39 30-29	4-5 14-15	35-34 25-24	9-10 19-20	4	K(SMT)	1500
HR604063	1:2CT 1CT:2	1.20	1.20	0.70	0.70	0.60	0.60	35	35	4-5 14-15	1-3 11-13	9-10 19-20	6-8 16-18	8	K(SMT)	1500
HR604073	1:2 1:2	1.20	1.20	0.70	0.70	0.60	0.60	35	35	1-3 11-13	4-5 14-15	6-8 16-18	9-10 19-20	12	K(SMT)	1500
HR60406A	1:2CT 1:1CT	1.20	1.20	0.70	0.70	0.60	0.60	35	35	1-2 11-12	37-36 27-26	6-7 16-17	32-31 22-21	15	K(SMT)	1500

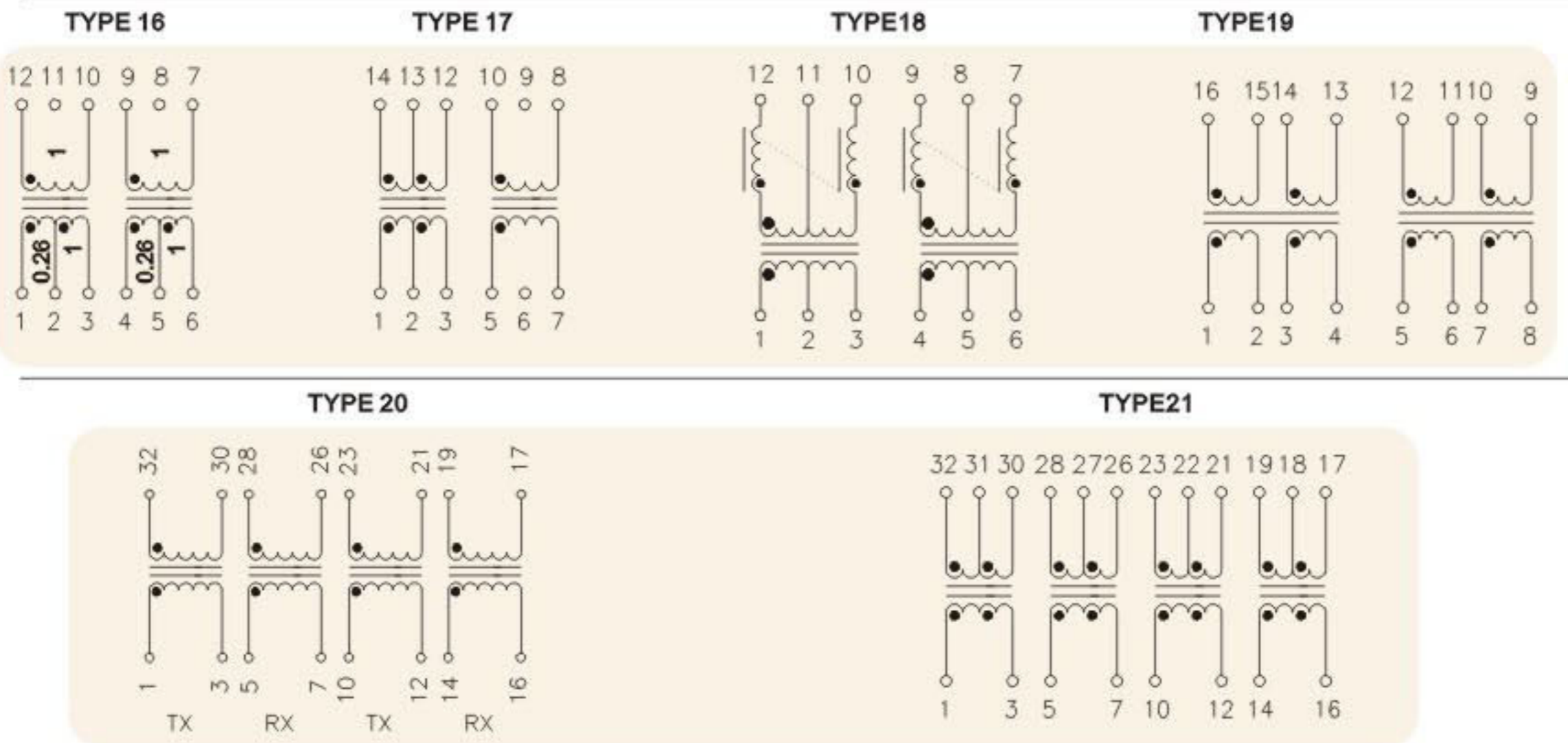
#### Schematic



## TELECOMMUNICATIONS PRODUCTS

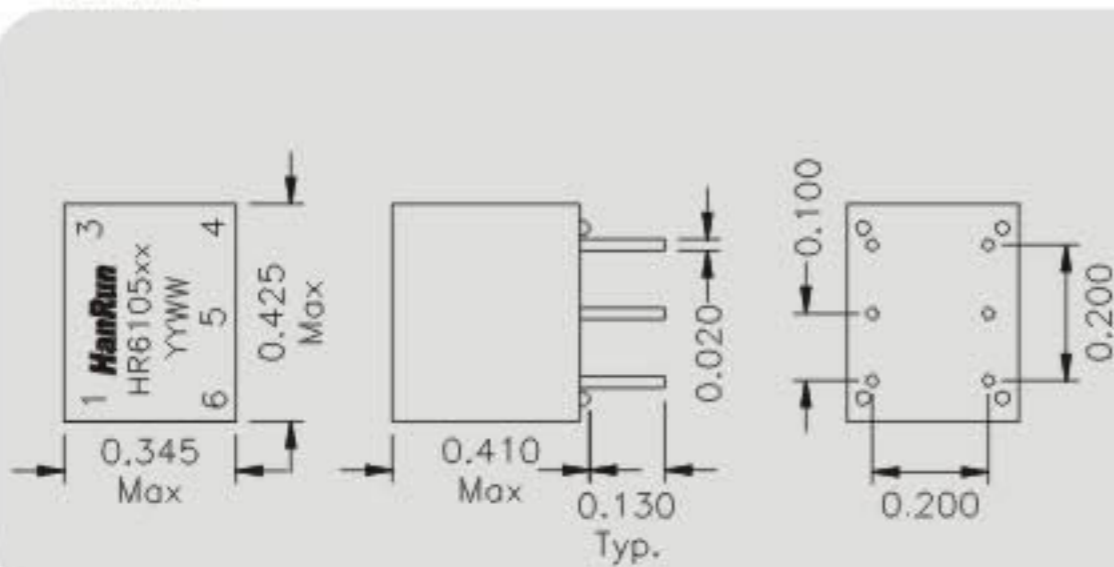
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#### Schematic

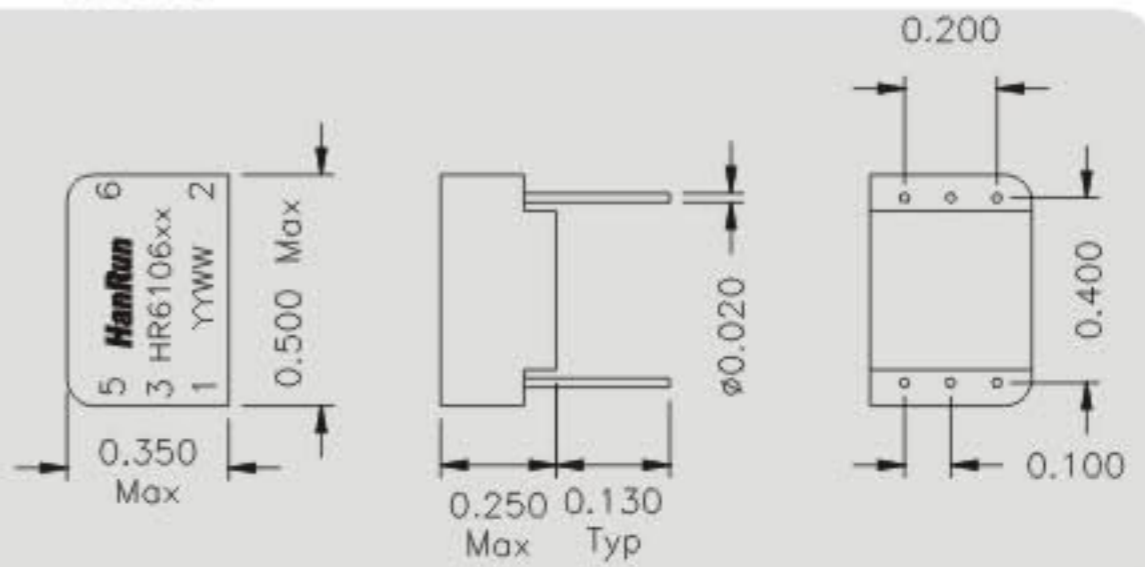


#### Mechanicals(inches)

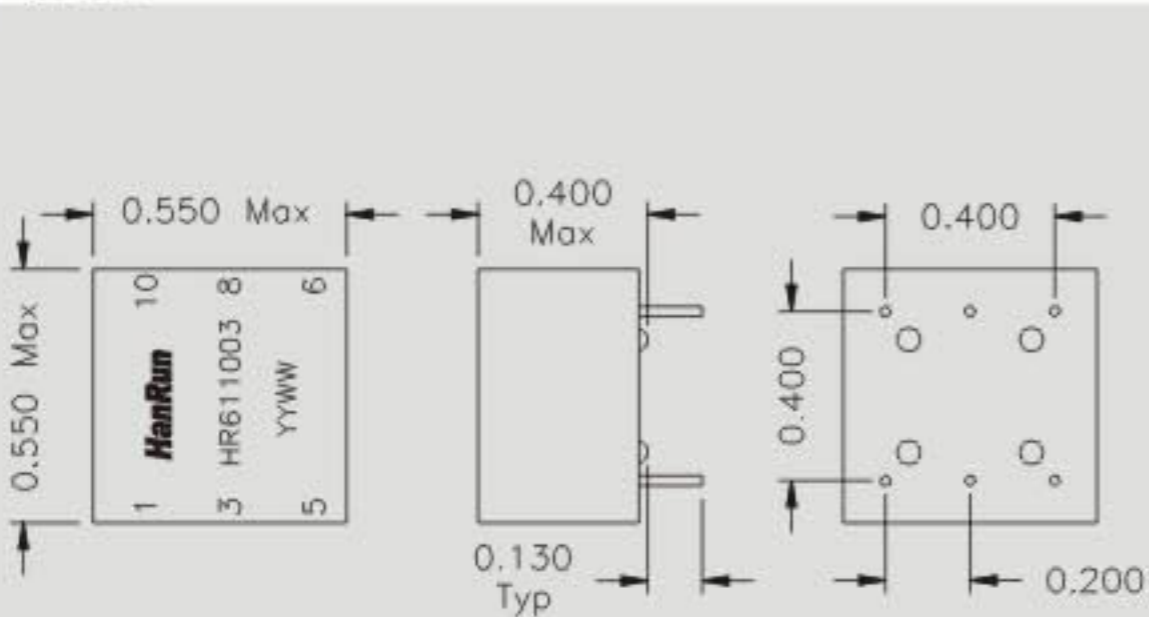
A TYPE



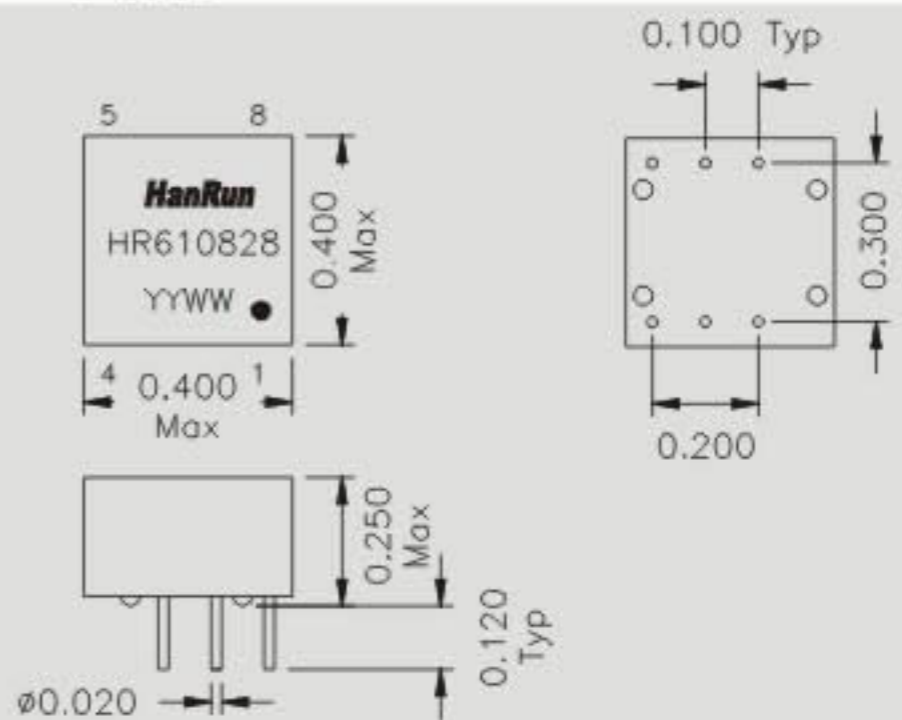
B TYPE



C TYPE



D TYPE



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#### Mechanicals(inches)

