

T1/CEPT/ISDN - PRI Carrier Interface Transformers

EPA1155-X

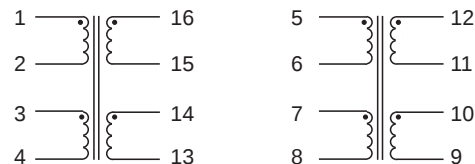
- Dual Low Profile Packages •
- Hipot 2000 Vrms •
- Meets CCITT 1.430 Four Wire "S" Interface •
- Longitudinal Balance (10 KHz - 300 KHz) -60 dB Min. •

Electrical Parameters @ 25°C

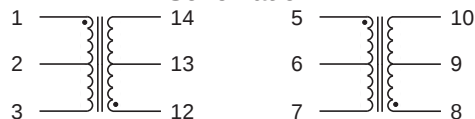
PCA Part Number	OCL (mH Min.)	Interwinding Capacitance (pF Max.)	Leakage Inductance (μH Max.)	Turns Ratio (±5%)	DCR (Ω Typ.)		Package & Schematic
EPA1155-6	22	100	5	1:1	2.5	2.5	A
EPA1155-7	22	100	8	1:2	2.5	4.5	A
EPA1155-8	22	100	30	1:2	2.5	5.0	A
EPA1155-11	22	100	5	1:1	2.75	2.75	B

I.C. Manufacturer	I.C. Part Number	PCA Part Number	
		Transmit	Receive
AMD	79C30A	EPA1155-7	EPA1155-7

Schematic B



Schematic A



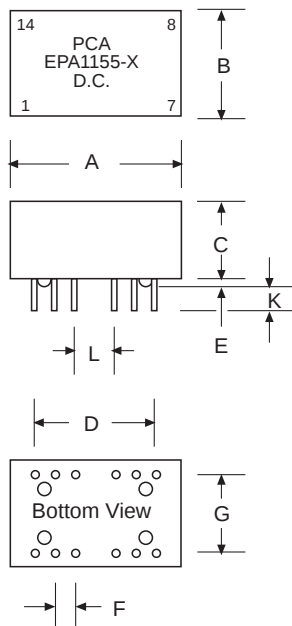
Package A Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.870	.890	.880	22.10	22.61	22.35
B	.530	.550	.540	13.46	13.97	13.72
C	.345	.355	.350	8.76	9.02	8.89
D	---	---	.600	---	---	15.24
E	.025	.035	.032	.635	.889	.813
F	---	---	.100	---	---	2.54
G	---	---	.400	---	---	10.16
H	.017	.023	.020	.432	.584	.508
K	.115	.125	.120	2.92	3.18	.305
L	---	---	.200	---	---	5.08

Package B Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.900	.920	.910	22.86	23.37	23.11
B	.540	.560	.550	13.72	14.22	13.97
C	.380	.400	.390	9.65	10.16	9.91
D	---	---	.400	---	---	10.16
E	.025	.035	.032	.635	.889	.813
F	---	---	.100	---	---	2.54
G	---	---	.400	---	---	10.16
H	.017	.023	.020	.432	.584	.508
K	.115	.125	.120	2.92	3.18	.305

Package A



Package B

