

T1/CEPT/ISDN - PRI Carrier Interface Transformers

EPA1155-X

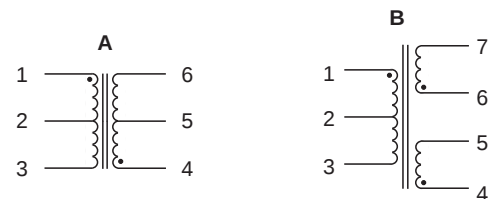
- UL1459 Approved, File # E132261 •
- Single Low Profile Packages •
- Hipot 2000 Vrms •
- Meets CCITT 1.430 Four Wire "S" Interface •
- Longitudinal Balance (10 KHz - 300 KHz) -60 dB Min. •

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
EPA1155-1	22	100	5	1:1	2.5	2.5	A
EPA1155-2	22	100	8	1:1.8	2.5	4.5	B
EPA1155-3	22	100	8	1:2	2.5	5.0	A
EPA1155-4	22	100	12	1:2.5	2.5	6.0	B
EPA1155-5	22	100	30	1:2	2.5	5.0	A
EPA1155-12	22	100	11	1:2	2.5	5.0	A

I.C. Manufacturer	I.C. Part Number	PCA Part Number	
		Transmit	Receive
Intel	29C53	EPA1155-2	EPA1155-4
Mitel	MT8930	EPA1155-3	EPA1155-3
Motorola	MC145174	EPA1155-1	EPA1155-1
Motorola	MC145175	EPA1155-1	EPA1155-1
National	TP3420	EPA1155-3	EPA1155-1
Siemens	PEB2080	EPA1155-3	EPA1155-3
SGS Thompson	5420	EPA1155-3	EPA1155-1 & -3

Schematics



Package A Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.540	.560	.550	13.72	14.22	13.97
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	.030	.635	.889	.762
F	---	---	.200	---	---	.508
G	---	---	.400	---	---	.400
H	.017	.023	.020	.432	.584	.508
K	.115	.125	.120	2.92	3.18	3.05

Package B Dimensions

Dim.	(Inches)			(Millimeters)		
	Min.	Max.	Nom.	Min.	Max.	Nom.
A	.540	.560	.550	13.72	14.22	13.97
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	.030	.635	.889	.762
F	---	---	.200	---	---	.508
G	---	---	.400	---	---	.400
H	.017	.023	.020	.432	.584	.508
K	.115	.125	.120	2.92	3.18	3.05
L	---	---	.400	---	---	10.16

