



Digital Audio Transformer

High Isolation Voltage : 2000Vrms min
 Average Power Rating : 500mW
 Operating Transmission Rate : 1 to 7Mbps
 Controlled Rise Time : 25nsec max
 RoHS " -R" peak solder rating 260°C, non-RoHS peak solder rating 225°C
 For RoHS part, add suffix -R

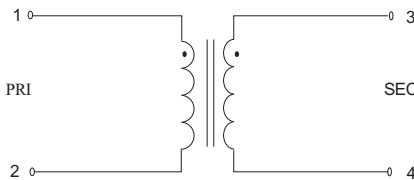


ELECTRICAL SPECIFICATIONS @ 25°C - (Operating Temperature 0°C - 70°C)

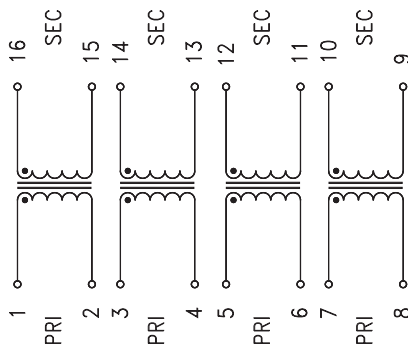
Part Number	Turns Ratio ± 5%	Primary Inductance (mH ± 20%)	Leakage Inductance (uH) max	Common Mode Rejection Ratio (dB)			Bandwidth (100Khz □ 55MHz) MHz	Return Loss (100KHz □ 10MHz) (dB) min
				1MHz	10MHz	30MHz		
D4101DA D4101DA-R	1 : 1	2.5	0.5	-70	-38	-23	0.1~55	-22
D16501DA D16501DA-R	1 : 1	2.5	0.5	-70	-38	-23	0.1~55	-22

SCHEMATICS

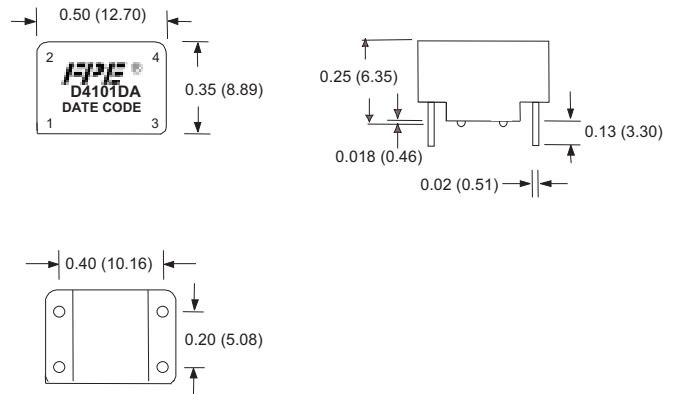
D4101DA
D4101DA-R



D16501DA
D16501DA-R



MECHANICAL SPECIFICATIONS



DIMENSIONS : INCHES/(mm) UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE 0.010(0.25).

Specifications Subject To Change Without Notice

TAIWAN
 TEL: 00886-3-3310896
 FAX: 00886-3-3310865

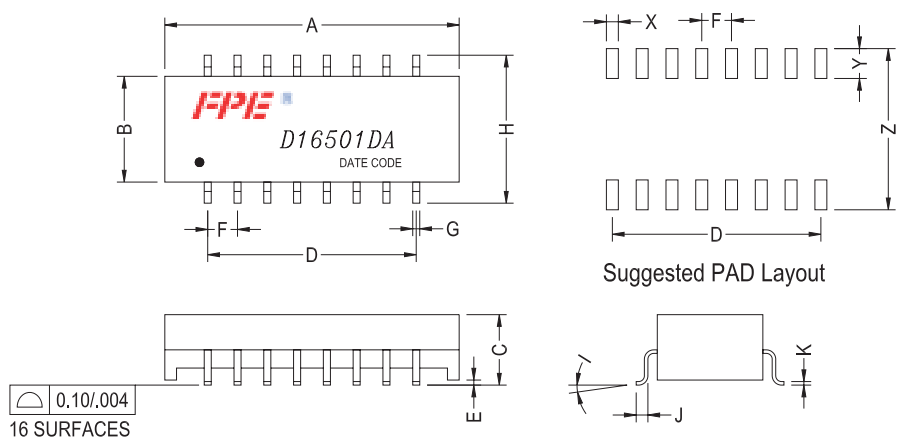
DONGGUAN
 TEL: 086-769-86761589
 FAX: 086-769-86761549



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MECHANICAL SPECIFICATIONS (Continued)

D16501DA
D16501DA-R



DIM	MILLIMETERS			INCHES		
	MIN	MAX	NOM.	MIN	MAX	NOM.
A	24.85	25.35	25.10	0.978	0.998	0.988
B	8.75	9.25	9.00	0.344	0.364	0.354
C	5.75	6.25	6.00	0.226	0.246	0.236
D	---	---	17.78	---	---	0.700
E	---	---	0.40	0.008	0.012	0.010
F	---	---	2.54	---	---	0.100
G	0.55	0.65	0.60	0.022	0.026	0.024
H	12.35	12.85	12.60	0.486	0.506	0.496
I	0□	8□	4□	0□	8□	4□
J	0.80	1.20	1.00	0.031	0.047	0.039
K	0.25	0.35	0.30	0.010	0.014	0.012
X	0.92	1.12	1.02	0.036	0.044	0.040
Y	2.29	2.79	2.54	0.090	0.110	0.100
Z	13.47	13.97	13.72	0.530	0.550	0.540

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