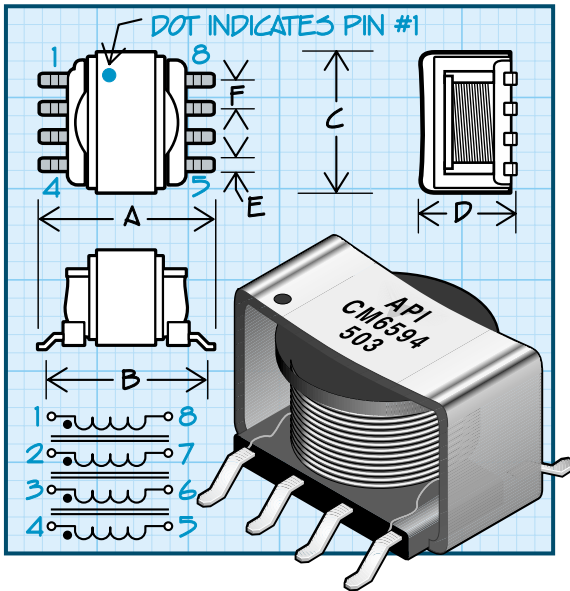


**4-Winding
Surface Mount Transformers**



Physical Parameters

	Inches	Millimeters
A	0.435 to 0.465	11.05 to 11.81
B	0.385 to 0.405	9.78 to 10.29
C	0.375 to 0.405	9.53 to 10.29
D	0.205 to 0.235	5.21 to 5.97
E (8 places)	0.028 typ.	0.71 typ.
F (6 places)	0.079 typ.	2.00 typ.

Mechanical Configuration

ER Core on an 8 Pin Surface Mount Base

Operating Temperature Range -20°C to +80°C

Maximum Power Dissipation at 25°C 0.140 W

Dielectric Withstanding Voltage

500V RMS, 60Hz, 5 sec.

Current Rating Current which will cause less than a +35°C temperature rise maximum, from +25°C Ambient, with all windings connected in series

- Notes** ** 1) Max. leakage inductance measured @ 1 KHz on Pin 1-8 with all other pins shorted.
2) Board connections may be altered to create different transformer/inductor configurations.

Custom Applications Consult factory

Packaging Tape & reel (24mm): 13" reel, 600 pieces max.; 7" reel not available

Made In the U.S.A.

DASH NUMBER*

INDUCTANCE
Each WINDING
(µH) ±25%

TEST FREQUENCY (KHz)

MAXIMUM
LEAKAGE
INDUCTANCE

DC RESISTANCE (µH)*
Each WINDING

MAXIMUM (OHMS)
Each WINDING

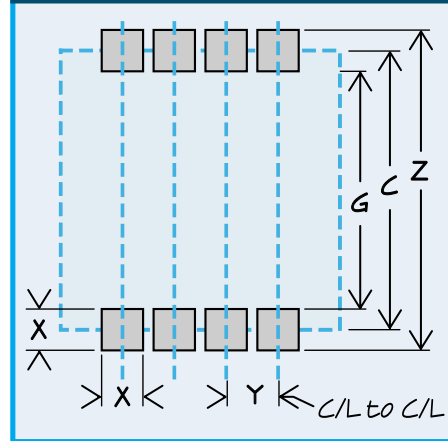
CURRENT RATING
MAXIMUM (Amps)
Each WINDING

CM6594 SERIES					
-253	25	1 KHz	0.90	0.04	1.00
-503	50	1 KHz	1.10	0.07	0.90
-104	100	1 KHz	1.30	0.13	0.75
-154	150	1 KHz	1.50	0.19	0.60
-254	250	1 KHz	1.70	0.32	0.50
-504	500	1 KHz	4.30	0.56	0.45
-754	750	1 KHz	6.80	0.90	0.38
-105	1000	1 KHz	6.95	1.19	0.30
-155	1500	1 KHz	7.00	1.90	0.25

*Complete part # must include series # PLUS the dash #

For further surface finish information,
refer to TECHNICAL section of this catalog.

PAD DIMENSIONS



Pad Dimensions

	Inches	Millimeters
C	0.425	10.80
G	0.368	9.35
X	0.063	1.60
Y	0.079	2.00
Z	0.492	12.50