4-Channel EMI Filter Arrays with ESD Protection

Product Description

The CM1436 is an EMI filter array with ESD protection, which integrates four pi filters (C $\,$ R $\,$ C). Each CM1436 filter has component values of 15 pF $\,$ 200 Ω

Table 1. PIN DESCRIPTIONS

Pins Name Descript	ion
--------------------	-----

PERFORMANCE INFORMATION (Cont'd)

PERFORMANCE INFORMATION (Cont'd)

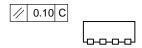


Figure 5. Filter Capacitance vs. Input Voltage over Temperature (normalized to capacitance at 2.5 V DC and 25°C)

SCALE 4:1

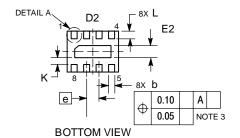


TOP VIEW

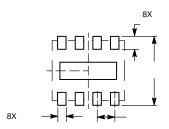


SIDE VIEW

C SEATING PLANE



RECOMMENDED SOLDERING FOOTPRINT*



DIMENSION: MILLIMETERS

- NOTES:
 1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
 2. CONTROLLING DIMENSION: MILLIMETERS.
 3. DIMENSION & APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30 MM FROM TERMINAL TIP.
 4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.

	-		
	MILLIMETERS		
DIM	MIN	MAX	
Α	0.70	0.80	
A1	0.00	0.05	
А3	0.20 REF		
b	0.15	0.25	
D	1.7 BSC		
D2	1.10	1.30	
E	1.35 BSC		
E2	0.30	0.50	
е	0.40	BSC	

L	0.15	0.35
1.4		0.45

^{*}For additional information on our Pb Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

