4

profile Chip Scale Package.

Features

- Four and Eight Channels of ESD Protection
- OptiGuard[™] Coated for Improved Reliability
- ±

CM1220

CM1220

Symbol	Parameter	Conditions	Min	Тур	Max	Units
C _{DIODE}	Diode (Channel) Capacitance	At 2.5 VDC Reverse Bias, 1 MHz, 30 mVAC	11	14	17	pF
V _{DIODE}	Diode Standoff Voltage	I _{DIODE} = 10 μA		6.0		V
I _{LEAK}	Diode Leakage Current	V _{IN} = +3.3 V (reverse bias voltage)		0.1	1	μΑ
V _{SIG}	Signal Clamp Voltage Positive Clamp Negative Clamp	I _{DIODE} = 10 mA	5.6 -1.5	6.8 -0.8	9.0 -0.4	V
V _{ESD}	In–system ESD Withstand Voltage a) Human Body Model, MIL–STD–883, Method 3015 b) Contact Discharge per IEC 61000–4–2	(Note 2)	±30 ±15			

Table 4. ELECTRICAL OPERATING CHARACTERISTICS (Note 1)

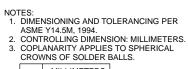
CM1220

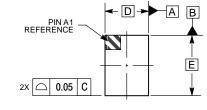
APPLICATION INFORMATION

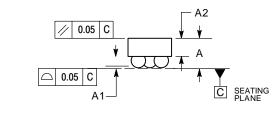


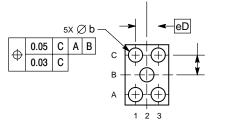
WLCSP5, 0.96x1.33 CASE 567AY ISSUE O

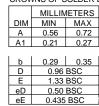
DATE 26 JUL 2010

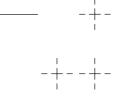


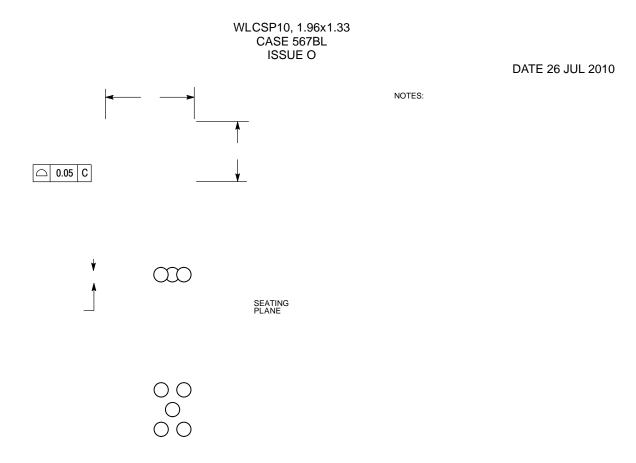












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