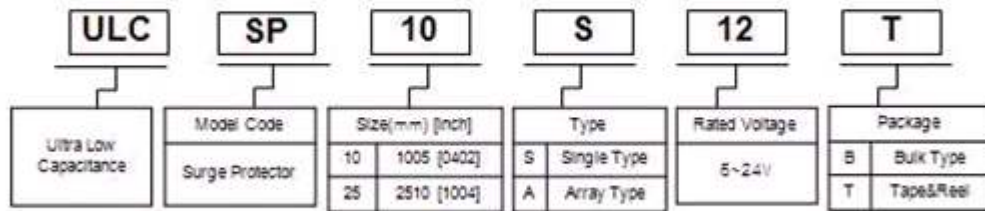


□ Part Numbering



□ Specification

■ Feature

- Outstanding ESD Protection
- Extremely low Capacitance for high speed data transmission applications
- Very low leakage current
- Fast response time (<1ns)
- Bi-directional
- RoHS Compliant

Capacitance	Leakage Current	Peak Voltage	Clamping Voltage	Rated Voltage
Between I/O pins : 0.2pF (typ) / 0.3pF (max) · Any I/O pin to ground : 0.3pF (typ) / 0.4pF (max)	1uA (max)	500V (typ)	30V (typ) / 100V (max)	D.C. 12V

Figure 1.
ESD Suppression
Voltage Waveform

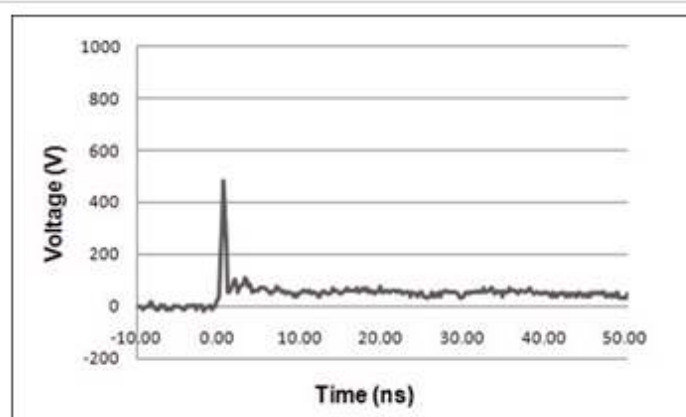


Figure 2.
Capacitance

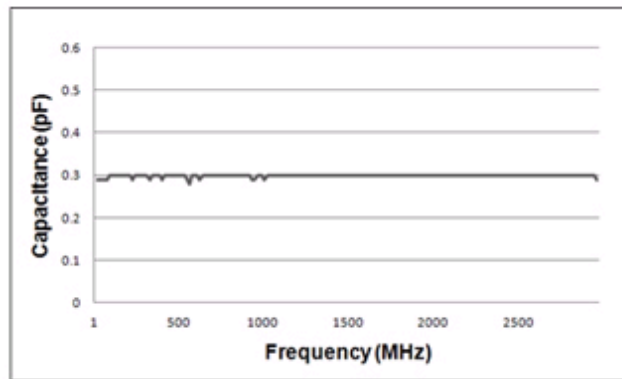
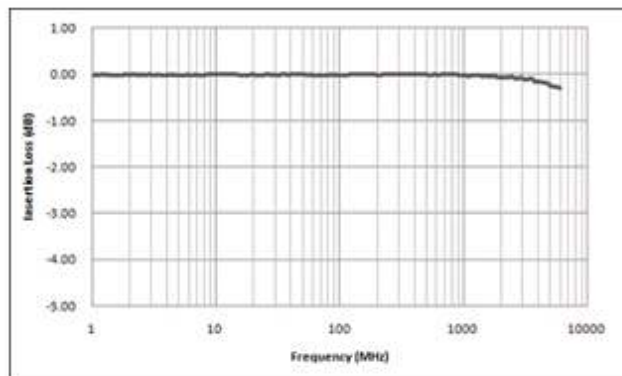


Figure 3.
Insertion Loss Diagram



- Measuring Condition : Temperature (+15 ~ 35°C), Humidity (45 ~85%RH)
- ESD voltage capability (tested per IEC 61000-4-2)
 - Contact discharge mode (8kV) / Air discharge mode (15kV) [1 pulse: per customer request]
 - ESD pulse withstand: Min.100 pulses (tested per IEC 61000-4-2, level 4, and contact method)

□ Dimension

