

*, 4 .> // x % ¿ i E g + 9 * 8 â o
DFN0603 Package, ESD Protection

Static 5V Max

Table 1

IEC61000-4-2(ESD): 30kV (at least)
IEC61000-4-4 (EFT): 80A (5/50µs)
IEC61000-4-5 (Surge): 20A (8/20µs)

Ua-max eCJ = 35pF

Logic

Logic VCL = 7.8V @ IPP = 16A (TLP)

Static

HF Pin

Ball Pin

Ad Pin

M Pin

GPIO Pin

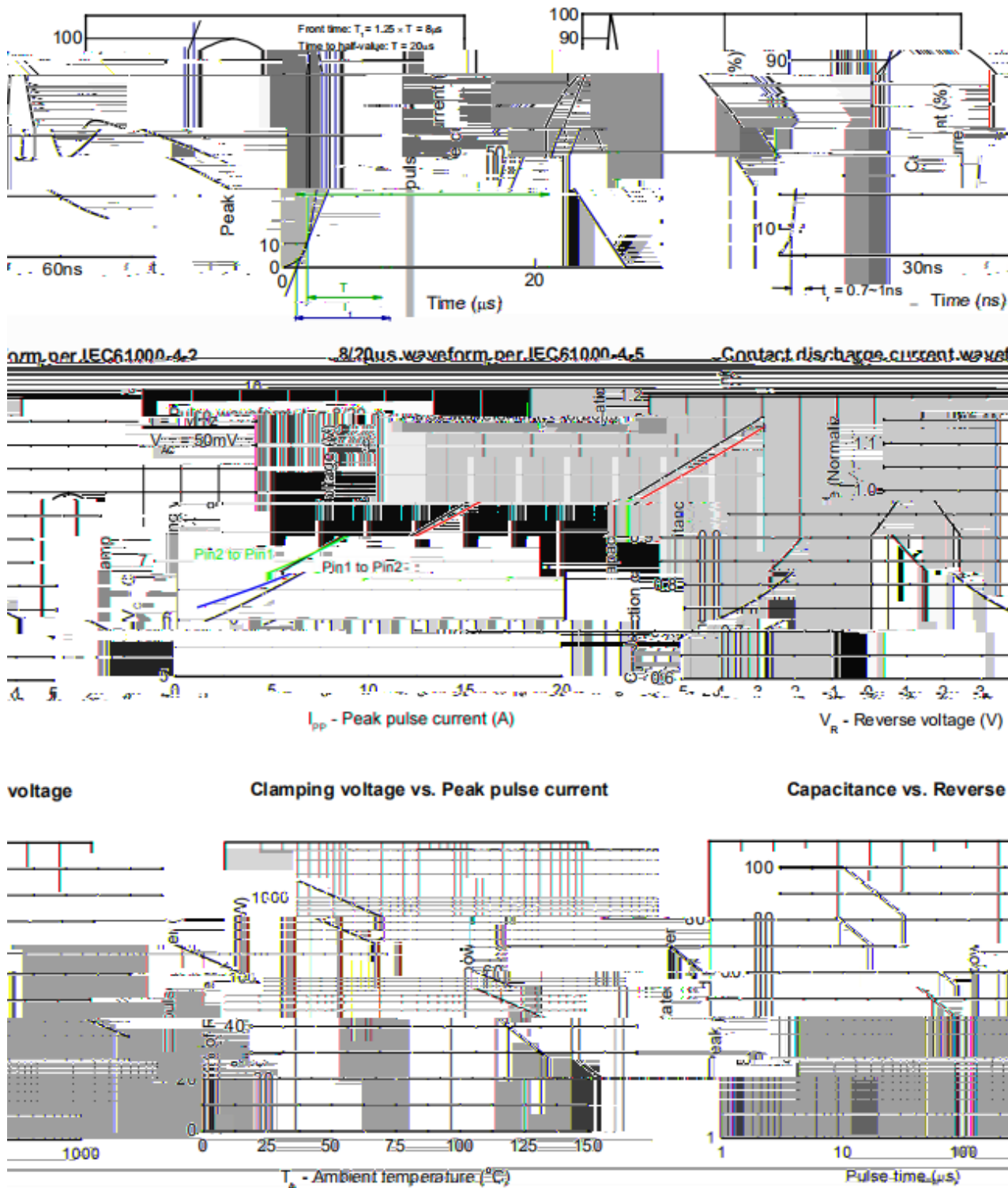
@ Part		Z Symbol	Rating	Category
Part	$p = 8/20 \text{ } \mu\text{s}$	P _{PK}	230	W
Part	$p = 8/20 \text{ } \mu\text{s}$	I _{PP}	20	A

ESD according to IEC610082

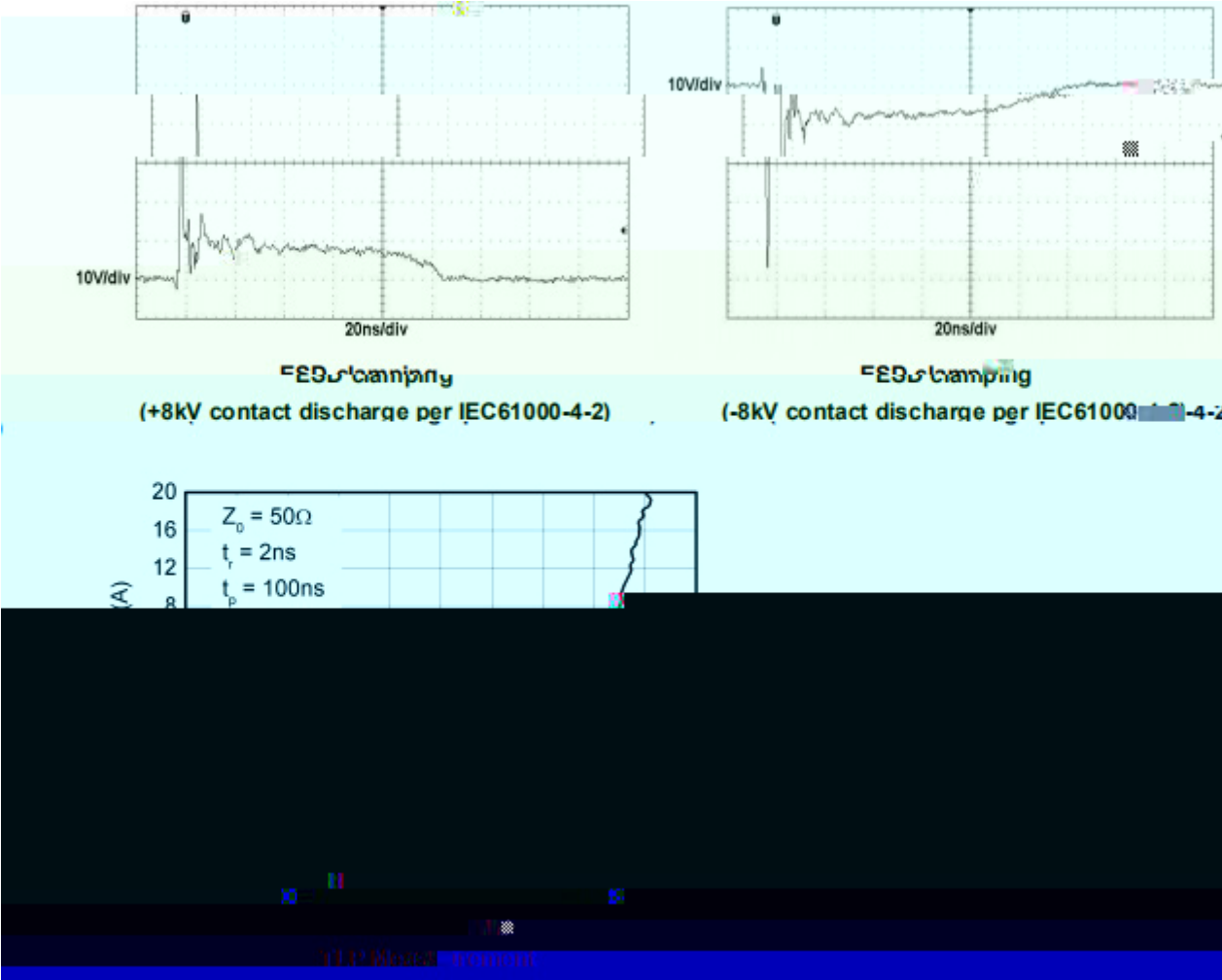
Definitions of electrical characteristics

Symbol	Unit	Test Condition	Typical Value	Max. Value	Min. Value
V_{RWM}	V		5.0		
I_R	A	$V_{RWM} = 5.0V$	100		
V_{BR}	V	$I_{BR} = 1A$	5.1		
I_{HOLD}	A	$I_{HOLD} = 50A$	5.1		
V_{CL}	V	$I_{PP} = 16A$	5.1		

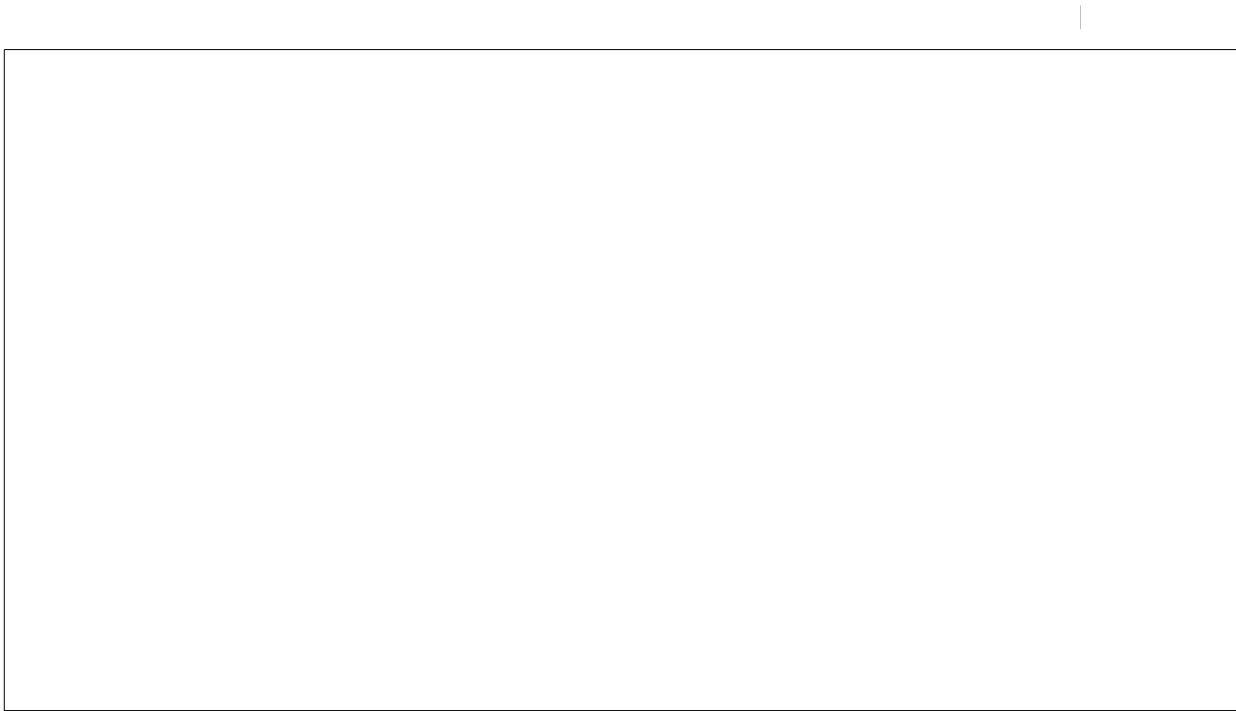
Electrical Characteristic Curve(Ta=25 ;)



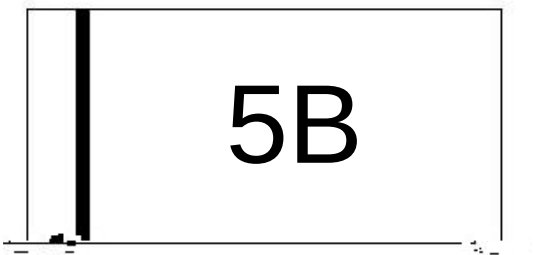
Electrical Characteristic Curve(Ta=25 ;)



Ø =) ¢ / Package Dimensions



1. Marking Instructions



“ 5B ” Z W A

5B y P d C d

WD t ¢ (x /) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

[illegible]

Ne

10 ~ %	150 d180 - k	60 % 200e	1. Part 150180	- , 16090e
20 Q	245 r5 - k	4 0 5 r0.5e	2. Part 245	r5 - , Data5 r0.5e
30 D N 0i 00 ,	2 % 10 - /e		3. CSp 210	- /e

Resistance to Soldering Heat Test Conditions

Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Year	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	20																												

GPÆ / Packaging SPEC.

2 & x / REEL

[illegible]