

# AUTOMATIVE SMD COMMON MODE CHOKE

**MODEL NO. : SDF-12110-XXX HFVP SERIES**

**FEATURES:**

- \* SMD type high current used common mode choke for automative power line..
- \* Rate DC current up to 10.0 max.
- \* AECQ-200 compliant.
- \* Tape and reel packing.
- \* Compliant with RoHS and Halogen Free.

**APPLICATION :**

- \* Common mode noise countermeasure for electronic controller DC power lines..

**ELECTRICAL SPECIFICATION:**

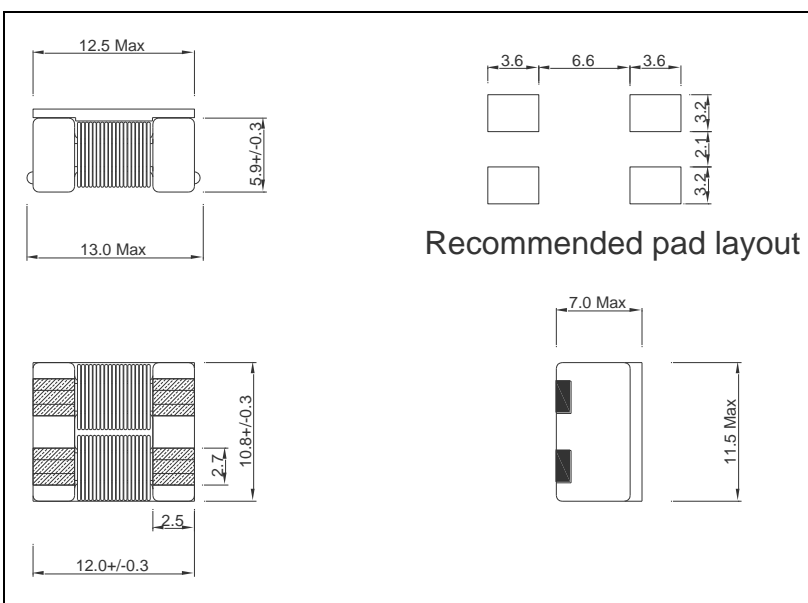
PART NO	Impedance @100MHz 0.1V (Ω) Min	DCR MAX (mΩ)	Rated Current (A) Max	Insulation Resistance (MΩ) Min	Impedance @100MHz 0.1V (Ω) Type	Marking
SDF-12110-101 HFVP	100	3.0	10.0	10	230	101
SDF-12110-701 HFVP	500	6.0	8.0	10	700	701
SDF-12110-801 HFVP	600	8.0	8.0	10	800	801
SDF-12110-102 HFVP	750	14.0	6.0	10	1000	102
SDF-12110-252 HFVP	2200	35.0	2.5	10	2500	252
SDF-12110-272 HFVP	2300	50.0	2.0	10	2700	272

NOTE(1) : Test frequency: 100 MHZ,0.1Vrms.

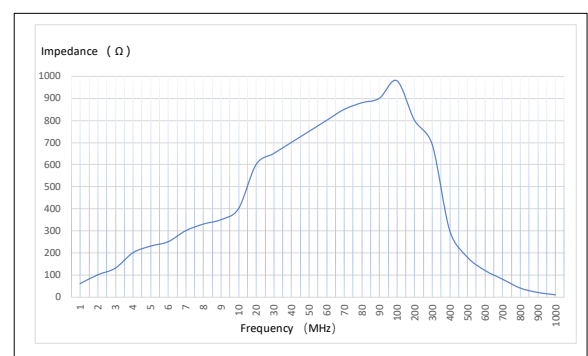
NOTE(2) : ΔT=40°C approximately under the temperature rise current.

NOTE(3): Operating temperature range: -40°C~+150°C.(Included self-temperature rise)

**PHYSICAL DIMENSION : (UNIT:mm)**



**IMPEDANCE VS FREQUENCY:**



**PACKAGING SPEC:**

1. REEL SIZE & UNITS PER REEL :13",500PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:16mm