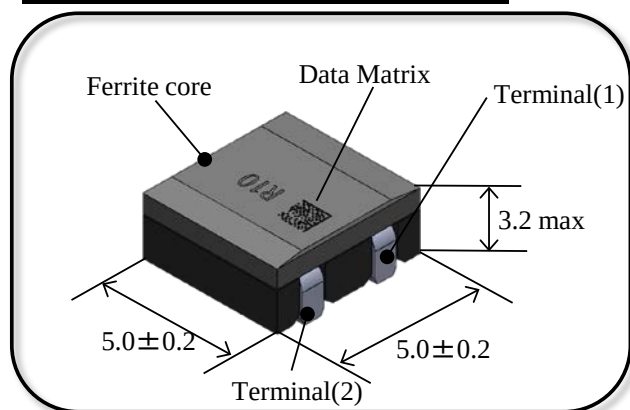
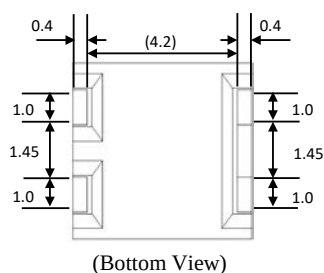
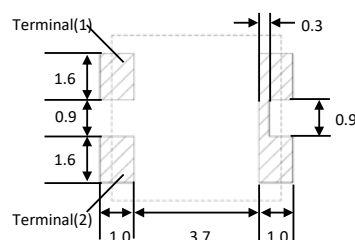


Component Image & Dimension :**Features :**

- a) Low DCR due to no winding
- b) AEC-Q200
- c) Low EMI
due to using high permeability material, and no winding.
- d) Low loss
due to using low coreloss material.
- e) Automatic Mounting in Tape&Reel Package.

Applications :

ADAS ~Level5
For CPU power line
For GPU power line

Terminal dimension :**Recommended pad layout (Ref.):****Electrical Specification :**

TDK Identification	Inductance		Test Freq.	DC Resistance@25deg.C			Rated DC Current			
	at 0A	Tol.		Spec.	Typ.	Isat 1 Typ.	Isat 2 Typ.	Isat 2 Typ.	Itemp@25deg.C	
	(nH)	(%)	(kHz)	(m-Ohm Max.)	(m-Ohm)	25deg.C	125deg.C	25deg.C	125deg.C	(A) Typ.
HPL505032F1 060MRD3P	60	+/-20%	100	0.77	0.7	52.0	44.2	54.0	45.9	34.0
HPL505032F1 070MRD3P	70	+/-20%	100	0.77	0.7	50.0	42.5	52.0	44.2	34.0
HPL505032F1 080MRD3P	80	+/-20%	100	0.77	0.7	39.0	33.2	42.0	35.7	34.0

Note. : Isat 1 : Based on the inductance change.(drop 20% typ.)

Isat 2 : Based on the inductance change.(drop 30% typ.)

Itemp : Based on the self temperature rise. (+40 deg typ.)

Operating Temperature Range : -55 °C ~ +155 °C (including self temperature rise)

Caution : Please contact our sales person when you consider organic solvent or aqueous cleaning.