



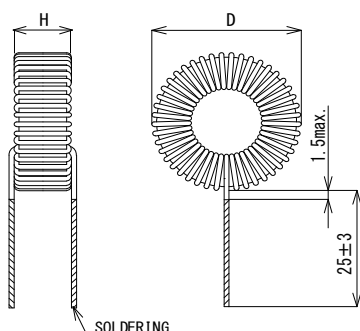
Features

- It is possible to miniaturize compared to ferrite cores.
- The DC superposition characteristics under high current are good.
- It has excellent characteristics of inductance in response to temperature.
- Can be miniaturized
- Insulation class: B (130℃)
- Operation temperature range : -25℃~130℃

Typical Application

- Application Fields
- UPS
- PV inverter
- Air conditioner
- PFC rectifier
- Power Supply

Outline Dimensional Drawing (Unit: mm)



TMFD COIL STANDARD SPECIFICATION

No.	P/N	Rated Current Idc(A)	Inductance(μH)		DCR (mΩ) MAX	Diameter (φmm)	Dimension DXH(mm) MAX	Recommend Base
			Idc=0(A)	Idc=Rated				
1	TMFD-05-0450	5	700	450	100	1.0	34x23	No.275
2	TMFD-05-0600	5	840	600	100	1.1	40x23	No.275
3	TMFD-05-0700	5	970	700	100	1.2	45x29	No.163
4	TMFD-10-0110	10	170	110	26	1.0x2	34x23	No.275
5	TMFD-10-0250	10	360	250	35	1.1x2	45x29	No.163
6	TMFD-10-0370	10	600	370	50	1.1x2	52x30	No.265
7	TMFD-15-0035	15	50	35	9	1.0x3	34x25	No.275
8	TMFD-15-0180	15	320	180	25	1.1x3	52x30	No.265
9	TMFD-15-0250	15	430	250	30	1.1x3	52x34	No.265
10	TMFD-20-0020	20	28	20	6	1.0x4	34x25	No.275
11	TMFD-20-0042	20	60	42	9	1.0x4	40x28	No.275
12	TMFD-20-0125	20	210	125	16	1.1x4	52x34	No.265

(1) Inductance test condition:100kHz

(2) Case flame retardant:UL94V-0

(3) Inductance tolerance : Idc=Rated±25%,Idc=0(A) Reference

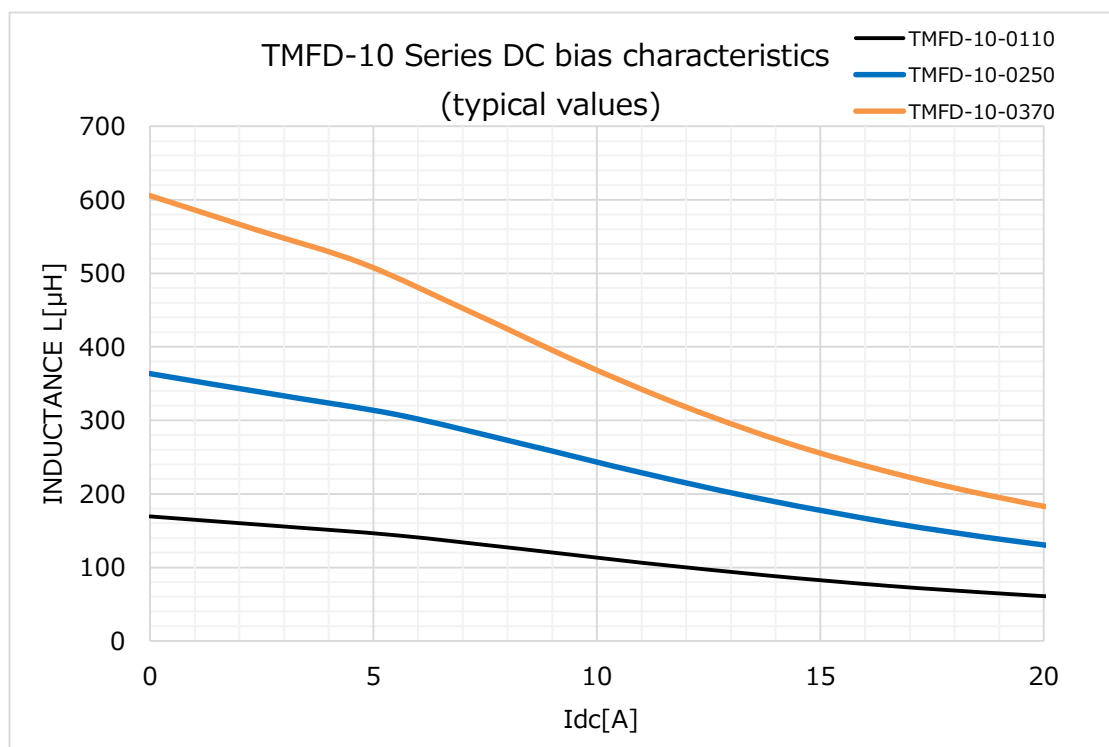
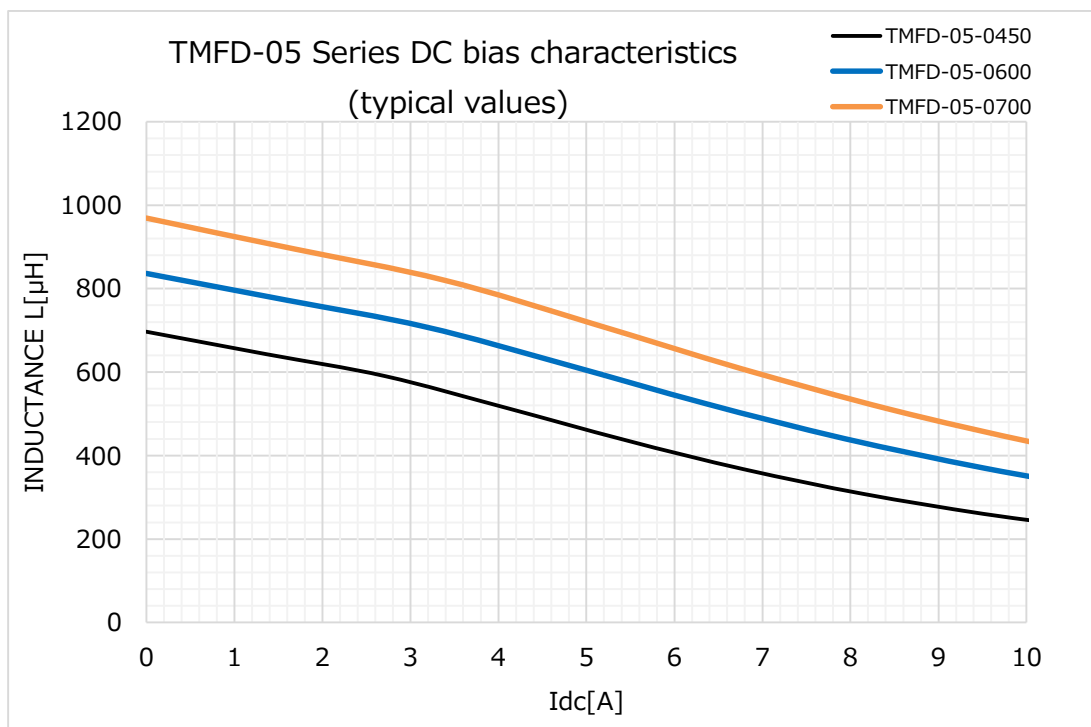
(4) Please note that if you use the base, there may be changes to the wire diameter and the number of coils.

All characteristics specification may be change without noticing.

Products will be provided according to customer's Submission of Specification.

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