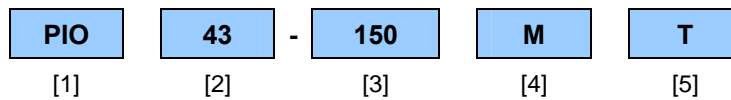


FEATURES
PIO Series

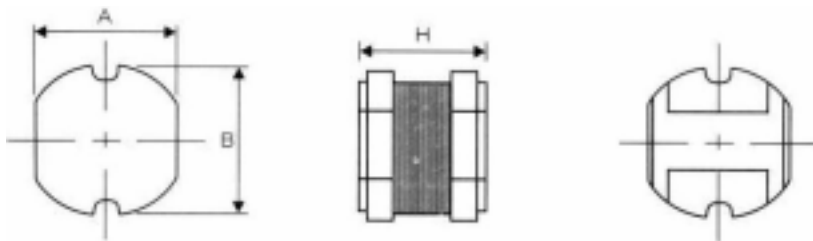
- High saturation current
- High power surface mountable
- Applied to DC/DC Converter , Portable Communication Equipment and Notebook Computer , LCD Television


ORDERING CODE


- [1] **Product Type:** PBO & PBS
 [2] **Size Code:** 43 , 54 , 73 , 75 , 104 , 105
 [3] **Inductance:** Example: 1R5 = 1.5uH ; 150 = 15uH ; 151 = 150uH
 [4] **Tolerance:** J±5% ; K±10% ; L±15% ; M±20%
 [5] **Packing:** T-Tape & Reel

DIMENSIONS

Unit: mm

PIO Series


SIZE	PIO43	PIO54	PIO73	PIO75	PIO104	PIO105
A	4.0±0.3	5.2±0.3	7.0±0.3	7.0±0.3	9.0±0.3	9.0±0.4
B	4.5±0.3	5.8±0.3	7.8±0.3	7.8±0.3	10.0±0.3	10.0±0.4
H	3.2±0.3	4.5±0.35	3.5±0.5	5.0±0.5	4.0±0.5	5.4±0.4

ELECTRICAL CHARACTERISTICS
PIO Series Type 43

Part Number	L(μ H)	DCR(Ω)	Rated DC Current(A)
PIO43-1R0MT	1.0	0.045	3.50
PIO43-1R5MT	1.5	0.055	2.85
PIO43-1R8MT	1.8	0.060	2.80
PIO43-2R2MT	2.2	0.070	2.40
PIO43-2R7MT	2.7	0.075	2.30
PIO43-3R3MT	3.3	0.085	2.25
PIO43-3R9MT	3.9	0.090	1.70
PIO43-4R7MT	4.7	0.105	1.65
PIO43-5R6MT	5.6	0.120	1.60
PIO43-6R8MT	6.8	0.130	1.40
PIO43-8R2MT	8.2	0.145	1.30
PIO43-100MT	10	0.180	1.10
PIO43-120MT	12	0.210	1.00
PIO43-150MT	15	0.235	0.85
PIO43-180MT	18	0.330	0.80
PIO43-220MT	22	0.360	0.70
PIO43-270MT	27	0.520	0.65
PIO43-330KT	33	0.540	0.60
PIO43-390KT	39	0.580	0.55
PIO43-470KT	47	0.840	0.48
PIO43-560KT	56	0.930	0.46
PIO43-680KT	68	1.110	0.44

PIO Series Type 54

Part Number	L(μ H)	DCR(Ω)	Rated DC Current(A)
PIO54-100MT	10	0.10	1.65
PIO54-120MT	12	0.12	1.55
PIO54-150MT	15	0.14	1.40
PIO54-180MT	18	0.15	1.25
PIO54-220MT	22	0.18	1.10
PIO54-270MT	27	0.20	0.95
PIO54-330LT	33	0.22	0.90
PIO54-390LT	39	0.30	0.80
PIO54-470LT	47	0.35	0.75
PIO54-560KT	56	0.40	0.70
PIO54-680KT	68	0.45	0.65
PIO54-820KT	82	0.60	0.60
PIO54-101KT	100	0.70	0.55
PIO54-121KT	120	0.85	0.45
PIO54-151KT	150	1.10	0.43
PIO54-181KT	180	1.35	0.40
PIO54-221KT	220	1.55	0.35

ELECTRICAL CHARACTERISTICS
PIO Series Type 73

Part Number	L(μ H)	DCR(Ω)	Rated DC Current(A)
PIO73-100MT	10	0.080	2.10
PIO73-120MT	12	0.090	1.80
PIO73-150MT	15	0.095	1.70
PIO73-180MT	18	0.110	1.40
PIO73-220MT	22	0.130	1.35
PIO73-270MT	27	0.145	1.25
PIO73-330KT	33	0.170	1.05
PIO73-390KT	39	0.215	0.95
PIO73-470KT	47	0.250	0.90
PIO73-560KT	56	0.280	0.80
PIO73-680KT	68	0.330	0.75
PIO73-820KT	82	0.405	0.70
PIO73-101KT	100	0.480	0.65
PIO73-121KT	120	0.535	0.60
PIO73-151KT	150	0.750	0.55
PIO73-181KT	180	1.020	0.50
PIO73-221KT	220	1.200	0.45
PIO73-271KT	270	1.305	0.37
PIO73-331KT	330	1.495	0.35

PIO Series Type 75

Part Number	L(μ H)	DCR(Ω)	Rated DC Current(A)
PIO75-100MT	10	0.07	2.55
PIO75-120MT	12	0.08	2.40
PIO75-150MT	15	0.09	2.00
PIO75-180MT	18	0.10	1.95
PIO75-220MT	22	0.11	1.70
PIO75-270MT	27	0.12	1.55
PIO75-330LT	33	0.13	1.40
PIO75-390LT	39	0.15	1.35
PIO75-470LT	47	0.17	1.25
PIO75-560KT	56	0.23	1.10
PIO75-680KT	68	0.25	1.00
PIO75-820KT	82	0.35	0.95
PIO75-101KT	100	0.40	0.78
PIO75-121KT	120	0.45	0.73
PIO75-151KT	150	0.60	0.70
PIO75-181KT	180	0.70	0.60
PIO75-221KT	220	0.95	0.55
PIO75-271KT	270	1.10	0.50
PIO75-331KT	330	1.25	0.45
PIO75-391KT	390	1.75	0.40
PIO75-471KT	470	1.95	0.35

PIO Series Type 104

Part Number	L(μ H)	DCR(Ω)	Rated DC Current(A)
PIO104-100MT	10	0.05	2.90
PIO104-120MT	12	0.06	2.80
PIO104-150MT	15	0.07	2.30
PIO104-180MT	18	0.08	2.15
PIO104-220MT	22	0.09	2.10
PIO104-270MT	27	0.10	1.90
PIO104-330LT	33	0.12	1.85
PIO104-390LT	39	0.15	1.45
PIO104-470LT	47	0.17	1.35
PIO104-560KT	56	0.20	1.30
PIO104-680KT	68	0.22	1.20
PIO104-820KT	82	0.25	1.00
PIO104-101KT	100	0.30	0.95
PIO104-121KT	120	0.40	0.90
PIO104-151KT	150	0.50	0.80
PIO104-181KT	180	0.62	0.70
PIO104-221KT	220	0.72	0.65
PIO104-271KT	270	0.95	0.57
PIO104-331KT	330	1.10	0.55
PIO104-391KT	390	1.20	0.50
PIO104-471KT	470	1.52	0.45
PIO104-561KT	560	1.90	0.40

PIO Series Type 105

Part Number	L(μ H)	DCR(Ω)	Rated DC Current(A)
PIO105-150MT	15	0.08	2.90
PIO105-180MT	18	0.09	2.65
PIO105-220MT	22	0.10	2.50
PIO105-270MT	27	0.11	2.25
PIO105-330LT	33	0.12	2.00
PIO105-390LT	39	0.13	1.90
PIO105-470LT	47	0.15	1.70
PIO105-560KT	56	0.19	1.60
PIO105-680KT	68	0.22	1.45
PIO105-820KT	82	0.25	1.30
PIO105-101KT	100	0.33	1.15
PIO105-121KT	120	0.40	1.00
PIO105-151KT	150	0.45	0.95
PIO105-181KT	180	0.60	0.85
PIO105-221KT	220	0.70	0.75
PIO105-271KT	270	0.95	0.70
PIO105-331KT	330	1.10	0.60
PIO105-391KT	390	1.20	0.55
PIO105-471KT	470	1.45	0.50
PIO105-561KT	560	1.90	0.48
PIO105-681KT	680	2.25	0.45
PIO105-821KT	820	2.50	0.40