

■ 電性能參數 ELECTRICAL CHARACTERISTICS

PRS3015 Series

型號 Part Number	電感量 L (μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)	Isat(A)
PRS3015-1R0NT	1.0	±30%	100kHz	0.030±30%	2.10
PRS3015-1R5NT	1.5	±30%	100kHz	0.040±30%	1.80
PRS3015-2R2NT	2.2	±30%	100kHz	0.060±30%	1.48
PRS3015-3R3MT	3.3	±20%	100kHz	0.080±30%	1.21
PRS3015-4R7MT	4.7	±20%	100kHz	0.120±30%	1.02
PRS3015-6R8MT	6.8	±20%	100kHz	0.160±30%	0.87
PRS3015-100MT	10	±20%	100kHz	0.230±30%	0.70
PRS3015-150MT	15	±20%	100kHz	0.360±30%	0.56
PRS3015-220MT	22	±20%	100kHz	0.520±30%	0.47
PRS3015-330MT	33	±20%	100kHz	0.840±30%	0.39
PRS3015-470MT	47	±20%	100kHz	1.340±30%	0.32

PRS4018 Series

型號 Part Number	電感量 L (μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)	Isat(A)
PRS4018-1R0NT	1.0	±30%	100kHz	0.030±30%	4.00
PRS4018-2R2NT	2.2	±30%	100kHz	0.060±30%	2.70
PRS4018-3R3MT	3.3	±20%	100kHz	0.070±30%	2.00
PRS4018-4R7MT	4.7	±20%	100kHz	0.090±30%	1.70
PRS4018-6R8MT	6.8	±20%	100kHz	0.110±30%	1.45
PRS4018-100MT	10	±20%	100kHz	0.180±30%	1.20
PRS4018-150MT	15	±20%	100kHz	0.250±30%	0.94
PRS4018-220MT	22	±20%	100kHz	0.360±30%	0.80
PRS4018-330MT	33	±20%	100kHz	0.530±30%	0.65
PRS4018-470MT	47	±20%	100kHz	0.650±30%	0.57
PRS4018-680MT	68	±20%	100kHz	1.000±30%	0.47
PRS4018-101MT	100	±20%	100kHz	1.500±30%	0.40
PRS4018-151MT	150	±20%	100kHz	2.500±30%	0.31
PRS4018-221MT	220	±20%	100kHz	4.000±30%	0.27

PRS6020 Series

型號 Part Number	電感量 L (μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)	Isat(A)
PRS6020-1R5NT	1.5	±30%	100kHz	0.026±30%	4.00
PRS6020-2R2NT	2.2	±30%	100kHz	0.034±30%	3.20
PRS6020-3R3MT	3.3	±20%	100kHz	0.040±30%	2.80
PRS6020-4R7MT	4.7	±20%	100kHz	0.058±30%	2.40
PRS6020-6R8MT	6.8	±20%	100kHz	0.085±30%	2.00
PRS6020-100MT	10	±20%	100kHz	0.125±30%	1.70
PRS6020-220MT	22	±20%	100kHz	0.290±30%	1.05

Isat: 飽和電流，加Isat時，電感值相對初始值下降 ≤ 30%

Isat: Saturation Current, the current when the inductance becomes 30% lower than its initial value.

PRS6045 Series

型號 Part Number	電感量 L (μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)	Isat(A)
PRS6045-4R7MT	4.7	±20%	100kHz	0.031±30%	4.00
PRS6045-6R8MT	6.8	±20%	100kHz	0.038±30%	3.80
PRS6045-100MT	10	±20%	100kHz	0.047±30%	3.00
PRS6045-150MT	15	±20%	100kHz	0.077±30%	2.30
PRS6045-220MT	22	±20%	100kHz	0.115±30%	1.90
PRS6045-330MT	33	±20%	100kHz	0.145±30%	1.50
PRS6045-470MT	47	±20%	100kHz	0.220±30%	1.30
PRS6045-680MT	68	±20%	100kHz	0.330±30%	1.00
PRS6045-101MT	100	±20%	100kHz	0.500±30%	0.80

PRS8040 Series

型號 Part Number	電感量 L (μH)	公差 Tolerance	測試頻率 Test Freq.	直流電阻 DCR(Ω)	Isat(A)
PRS8040-4R7MT	4.7	±20%	100kHz	0.018±30%	4.70
PRS8040-6R8MT	6.8	±20%	100kHz	0.025±30%	4.00
PRS8040-100MT	10	±20%	100kHz	0.034±30%	3.40
PRS8040-150MT	15	±20%	100kHz	0.050±30%	2.70
PRS8040-220MT	22	±20%	100kHz	0.089±30%	2.20
PRS8040-330MT	33	±20%	100kHz	0.100±30%	1.90
PRS8040-470MT	47	±20%	100kHz	0.150±30%	1.50
PRS8040-680MT	68	±20%	100kHz	0.230±30%	1.20
PRS8040-101MT	100	±20%	100kHz	0.290±30%	1.00

Isat: 飽和電流，加Isat時，電感值相對初始值下降 ≤ 30%

Isat: Saturation Current, the current when the inductance becomes 30% lower than its initial value.