

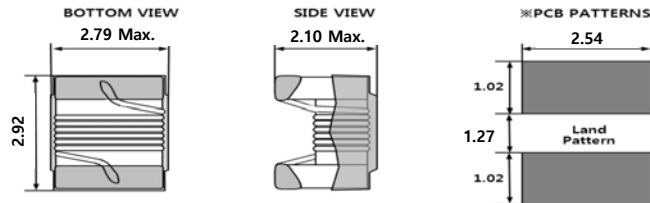
LMC2520 Type



<http://www.abco.co.kr>

SMD Shielded Type

▼ Shape & Dimensions / Recommended Solder Land Pattern



▼ Electrical Characteristics

Ordering Code	Inductance (nH)		Inductance TOL.(%)	Q Min.		SRF(MHz) Min.	Rdc(Ω) Max.	Idc(mA) Max.	Color Code		
	10	50 MHz		50	500 MHz				1st	2nd	3rd
LMC2520TP-10N□	10	50 MHz	±10/5/2%	50	500 MHz	4100	0.080	1000	BRN	BLK	BLK
LMC2520TP-12N□	12	50 MHz	±10/5/2%	50	500 MHz	3300	0.090	1000	BRN	RED	BLK
LMC2520TP-15N□	15	50 MHz	±10/5/2%	50	500 MHz	2500	0.100	1000	BRN	GRN	BLK
LMC2520TP-18N□	18	50 MHz	±10/5/2%	50	350 MHz	2500	0.110	1000	BRN	GRY	BLK
LMC2520TP-22N□	22	50 MHz	±10/5/2%	55	350 MHz	2400	0.120	1000	RED	RED	BLK
LMC2520TP-27N□	27	50 MHz	±10/5/2%	55	350 MHz	1600	0.130	1000	RED	VIO	BLK
LMC2520TP-33N□	33	50 MHz	±10/5/2%	60	350 MHz	1600	0.140	1000	ORN	ORN	BLK
LMC2520TP-39N□	39	50 MHz	±10/5/2%	60	350 MHz	1500	0.150	1000	ORN	WHT	BLK
LMC2520TP-47N□	47	50 MHz	±10/5/2%	65	350 MHz	1500	0.160	1000	YEL	VIO	BLK
LMC2520TP-56N□	56	50 MHz	±10/5/2%	65	350 MHz	1300	0.180	1000	GRN	BLU	BLK
LMC2520TP-68N□	68	50 MHz	±10/5/2%	65	350 MHz	1300	0.200	1000	BLU	GRY	BLK
LMC2520TP-82N□	82	50 MHz	±10/5/2%	60	350 MHz	1000	0.220	1000	GRY	RED	BLK
LMC2520TP-R10□	100	25 MHz	±10/5/2%	60	350 MHz	1000	0.560	650	BRN	BLK	BRN
LMC2520TP-R12□	120	25 MHz	±10/5/2%	60	350 MHz	950	0.630	650	BRN	RED	BRN
LMC2520TP-R15□	150	25 MHz	±10/5/2%	45	100 MHz	850	0.700	580	BRN	GRN	BRN
LMC2520TP-R18□	180	25 MHz	±10/5/2%	45	100 MHz	750	0.770	620	BRN	GRY	BRN
LMC2520TP-R20□	200	25 MHz	±10/5/2%	45	100 MHz	700	0.840	500	RED	BLK	BRN
LMC2520TP-R22□	220	25 MHz	±10/5/2%	45	100 MHz	700	0.840	500	RED	RED	BRN
LMC2520TP-R27□	270	25 MHz	±10/5/2%	45	100 MHz	600	0.910	500	RED	VIO	BRN
LMC2520TP-R33□	330	25 MHz	±10/5/2%	45	100 MHz	570	1.050	450	ORN	ORN	BRN
LMC2520TP-R39□	390	25 MHz	±10/5/2%	45	100 MHz	500	1.120	470	ORN	WHT	BRN
LMC2520TP-R47□	470	25 MHz	±10/5/2%	45	100 MHz	450	1.190	470	YEL	VIO	BRN
LMC2520TP-R56□	560	25 MHz	±10/5/2%	45	100 MHz	415	1.330	400	GRN	BLU	BRN
LMC2520TP-R62□	620	25 MHz	±10/5/2%	45	100 MHz	375	1.400	300	BLU	RED	BRN
LMC2520TP-R68□	680	25 MHz	±10/5/2%	45	100 MHz	375	1.470	400	BLU	GRY	BRN
LMC2520TP-R75□	750	25 MHz	±10/5/2%	45	100 MHz	360	1.540	360	VIO	GRN	BRN
LMC2520TP-R82□	820	25 MHz	±10/5/2%	45	100 MHz	350	1.610	400	GRY	RED	BRN
LMC2520TP-R91□	910	25 MHz	±10/5/2%	35	50 MHz	320	1.680	380	WHT	BRN	BRN
LMC2520TP-1R0□	1000	25 MHz	±10/5/2%	35	50 MHz	290	1.750	370	BRN	BLK	RED
LMC2520TP-1R2□	1200	7.9 MHz	±10/5/2%	35	50 MHz	250	2.000	310	BRN	RED	RED
LMC2520TP-1R5□	1500	7.9 MHz	±10/5/2%	28	50 MHz	200	2.300	330	BRN	GRN	RED
LMC2520TP-1R8□	1800	7.9 MHz	±10/5/2%	28	50 MHz	160	2.600	300	BRN	GRY	RED
LMC2520TP-2R2□	2200	7.9 MHz	±10/5/2%	28	50 MHz	160	2.800	280	RED	RED	RED
LMC2520TP-2R7□	2700	7.9 MHz	±10/5/2%	22	25 MHz	140	3.200	290	RED	VIO	RED
LMC2520TP-3R3□	3300	7.9 MHz	±10/5/2%	22	25 MHz	110	3.400	290	ORN	ORN	RED
LMC2520TP-3R9□	3900	7.9 MHz	±10/5/2%	20	25 MHz	100	3.600	260	ORN	WHT	RED
LMC2520TP-4R7□	4700	7.9 MHz	±10/5/2%	20	25 MHz	90	4.000	260	YEL	VIO	RED
LMC2520TP-5R6□	5600	7.9 MHz	±10/5/2%	18	7.9 MHz	45	4.000	240	GRN	BLU	RED
LMC2520TP-6R8□	6800	7.9 MHz	±10/5/2%	18	7.9 MHz	40	4.900	200	BLU	GRY	RED
LMC2520TP-8R2□	8200	7.9 MHz	±10/5/2%	18	7.9 MHz	25	6.000	170	GRY	RED	RED
LMC2520TP-100□	10000	2.52 MHz	±10/5/2%	18	7.9 MHz	25	8.000	150	BRN	BLK	ORN
LMC2520TP-150□	15000	2.52 MHz	±10/5/2%	15	7.9 MHz	20	11.000	100	BRN	GRN	ORN

▼ Test Equipments

- -tolerance G=±2% / J=±5% / K=±10%
- Irms for a 15°C temperature rise from 25°C ambient with current.
- Measure Equipment
-L & Q : Agilent E4991A+Agilent HP16198A
-SRF : Agilent HP8753D / Agilent E4991A
-RDC : CHEN NWA 502
-Irms : HP4284A+HP42841A / HP4285A+HP42841A
- L/Q Test OSC @200mV.

▼ Operating Temperature Range

-40 ~ +125°C (including self temp. rise)

Specifications subject to change without notice.