

FEATURES

- Ferrite core provides high withstand voltage and wide inductance range.
- Closed magnetic circuit design reduces leakage flux and EMI.
- Assembly Type.
- Operating temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$.



APPLICATIONS

- Ideally used in VTR, OA equipment, Digital camera, LCD television set, notebook PC, etc as DC-DC Converter.

PRODUCT IDENTIFICATION

CDRH	4D28	S	100	M	T
(1)	(2)	(3)	(4)	(5)	(6)

- (1) Series name
- (2) Product dimensions
- (3) Configuration Type
- (4) Inductance Value (1R0:1.0uH, 100:10uH, 101:100uH)
- (5) Inductance Tolerance(K:10%, M:20%, N:30%)
- (6) Package(T:Tape&Reel)

SHAPE AND DIMENSIONS

Fig.1

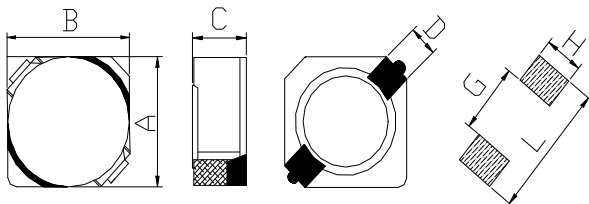


Fig.2

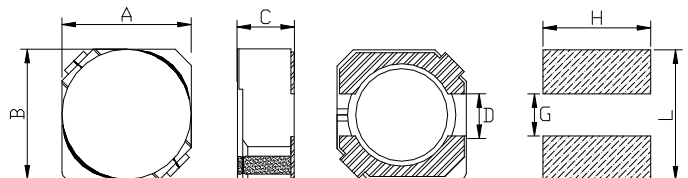


Fig.3

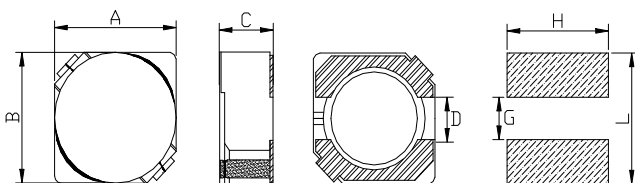
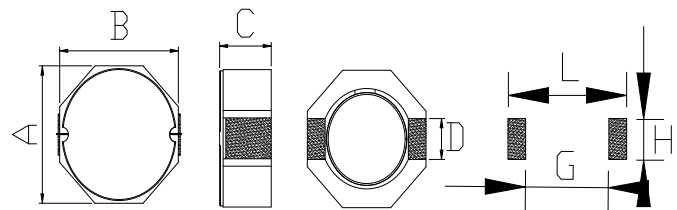


Fig.4



Unit:mm

Series	Shape	A	B	C Max	D Ref	L Ref	H Rel	G Ref
CDRH2D09R	Fig.1	3.0±0.3	3.0±0.2	1.2	1.0	4.3	1.3	1.7
CDRH2D11R	Fig.1	3.0±0.3	3.0±0.2	1.3	1.0	4.3	1.3	1.7
CDRH2D14R	Fig.1	3.0±0.3	3.0±0.2	1.6	1.0	4.3	1.3	1.7
CDRH2D18R	Fig.1	3.0±0.3	3.0±0.2	2.0	1.0	4.3	1.3	1.7
CDRH3D11R	Fig.1	3.8±0.2	3.8±0.2	1.4	1.1	5.2	1.5	2.4
CDRH3D14R	Fig.1	3.8±0.2	3.8±0.2	1.6	1.1	5.2	1.5	2.4
CDRH3D16R	Fig.1	3.8±0.2	3.8±0.2	1.8	1.1	5.2	1.5	2.4
CDRH3D28R	Fig.1	3.8±0.2	3.8±0.2	3.0	1.1	5.2	1.5	2.4
CDRH3D16S	Fig.2	3.8±0.3	3.8±0.3	1.9	1.2	4.4	4.4	1.1
CDRH3D28S	Fig.2	3.8±0.3	3.8±0.3	3.0	1.2	4.4	4.4	1.1
CDRH4D18S	Fig.3	4.7±0.3	4.7±0.3	2.0	1.5	5.3	5.3	1.4
CDRH4D28S	Fig.3	4.7±0.3	4.7±0.3	3.0	1.5	5.3	5.3	1.4
CDRH5D18S	Fig.3	5.7±0.3	5.7±0.3	2.0	2.0	6.3	6.3	2.0
CDRH5D28S	Fig.3	5.7±0.3	5.7±0.3	3.0	2.0	6.3	6.3	2.0
CDRH6D28S	Fig.3	6.7±0.3	6.7±0.3	3.0	2.0	7.3	7.3	2.0
CDRH6D38S	Fig.3	6.7±0.3	6.7±0.3	4.0	2.0	7.3	7.3	2.0
CDRH8D28C	Fig.4	8.0±0.3	8.0±0.3	3.0	2.5	10.1	2.8	6.1
CDRH8D38C	Fig.4	8.0±0.3	8.0±0.3	4.0	2.5	10.1	2.8	6.1
CDRH8D43C	Fig.4	8.0±0.3	8.0±0.3	4.5	2.5	10.1	2.8	6.1

SPECIFICATIONS

CDRH2D09R Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH2D09R2R2NT	2.2	30	100KHz/0.25V	170	0.60
CDRH2D09R3R3NT	3.3	30	100KHz/0.25V	260	0.55
CDRH2D09R4R7NT	4.7	30	100KHz/0.25V	290	0.50
CDRH2D09R6R8NT	6.8	30	100KHz/0.25V	500	0.35
CDRH2D09R8R2NT	8.2	30	100KHz/0.25V	520	0.30
CDRH2D09R100MT	10	20	100KHz/0.25V	533	0.28
CDRH2D09R150MT	15	20	100KHz/0.25V	1000	0.25
CDRH2D09R220MT	22	20	100KHz/0.25V	1100	0.20

CDRH2D11R Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH2D11R1R0NT	1.0	30	100KHz/0.25V	60	1.10
CDRH2D11R1R5NT	1.5	30	100KHz/0.25V	68	0.90
CDRH2D11R2R2NT	2.2	30	100KHz/0.25V	107	0.80
CDRH2D11R2R7NT	2.7	30	100KHz/0.25V	110	0.72
CDRH2D11R3R3NT	3.3	30	100KHz/0.25V	137	0.60
CDRH2D11R4R7NT	4.7	30	100KHz/0.25V	170	0.50
CDRH2D11R6R8NT	6.8	30	100KHz/0.25V	260	0.44
CDRH2D11R100MT	10	20	100KHz/0.25V	400	0.35
CDRH2D11R150MT	15	20	100KHz/0.25V	650	0.29
CDRH2D11R220MT	22	20	100KHz/0.25V	670	0.27
CDRH2D11R330MT	33	20	100KHz/0.25V	1000	0.22
CDRH2D11R470MT	47	20	100KHz/0.25V	2200	0.16

CDRH2D14R Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH2D14R1R0NT	1.0	30	100KHz/0.25V	48	2.00
CDRH2D14R1R2NT	1.2	30	100KHz/0.25V	65	1.80
CDRH2D14R1R5NT	1.5	30	100KHz/0.25V	68	1.80
CDRH2D14R1R8NT	1.8	30	100KHz/0.25V	78	1.65
CDRH2D14R2R2NT	2.2	30	100KHz/0.25V	96	1.50
CDRH2D14R2R7NT	2.7	30	100KHz/0.25V	106	1.35
CDRH2D14R3R3NT	3.3	30	100KHz/0.25V	125	1.20
CDRH2D14R4R7NT	4.7	30	100KHz/0.25V	169	1.00
CDRH2D14R5R6NT	5.6	30	100KHz/0.25V	188	0.95
CDRH2D14R6R8NT	6.8	30	100KHz/0.25V	213	0.85
CDRH2D14R100MT	10	20	100KHz/0.25V	294	0.70

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH2D14R120MT	12	20	100KHz/0.25V	394	0.62
CDRH2D14R220MT	22	20	100KHz/0.25V	650	0.30
CDRH2D14R330MT	33	20	100KHz/0.25V	1000	0.24
CDRH2D14R470MT	47	20	100KHz/0.25V	1250	0.20
CDRH2D14R101MT	100	20	100KHz/0.25V	2400	0.12

CDRH2D18R Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH2D18R2R2NT	2.2	30	100KHz/0.25V	46	0.85
CDRH2D18R3R3NT	3.3	30	100KHz/0.25V	58	0.75
CDRH2D18R4R7NT	4.7	30	100KHz/0.25V	80	0.63
CDRH2D18R6R8NT	6.8	30	100KHz/0.25V	110	0.52
CDRH2D18R100MT	10	20	100KHz/0.25V	180	0.43
CDRH2D18R150MT	15	20	100KHz/0.25V	220	0.35
CDRH2D18R220MT	22	20	100KHz/0.25V	320	0.30
CDRH2D18R330MT	33	20	100KHz/0.25V	460	0.24
CDRH2D18R470MT	47	20	100KHz/0.25V	660	0.20

CDRH3D11R Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH3D11R2R7NT	2.7	30	100KHz/0.25V	78	0.53
CDRH3D11R4R7NT	4.7	30	100KHz/0.25V	123	0.40
CDRH3D11R6R8NT	6.8	30	100KHz/0.25V	180	0.34
CDRH3D11R8R2NT	8.2	30	100KHz/0.25V	204	0.32
CDRH3D11R100MT	10	20	100KHz/0.25V	240	0.28
CDRH3D11R120MT	12	20	100KHz/0.25V	276	0.25
CDRH3D11R150MT	15	20	100KHz/0.25V	372	0.23
CDRH3D11R180MT	18	20	100KHz/0.25V	468	0.21
CDRH3D11R220MT	22	20	100KHz/0.25V	540	0.19
CDRH3D11R270MT	27	20	100KHz/0.25V	726	0.17
CDRH3D11R330MT	33	20	100KHz/0.25V	822	0.15
CDRH3D11R390MT	39	20	100KHz/0.25V	942	0.14

CDRH3D14R Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH3D14R1R2NT	1.2	30	100KHz/0.25V	40	1.50
CDRH3D14R1R5NT	1.5	30	100KHz/0.25V	50	1.35
CDRH3D14R2R2NT	2.2	30	100KHz/0.25V	60	1.15

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH3D14R3R3NT	3.3	30	100KHz/0.25V	100	0.80
CDRH3D14R4R7NT	4.7	30	100KHz/0.25V	115	0.75
CDRH3D14R5R6NT	5.6	30	100KHz/0.25V	168	0.70
CDRH3D14R6R8NT	6.8	30	100KHz/0.25V	180	0.60
CDRH3D14R100MT	10	20	100KHz/0.25V	228	0.50
CDRH3D14R150MT	15	20	100KHz/0.25V	315	0.40
CDRH3D14R220MT	22	20	100KHz/0.25V	456	0.35
CDRH3D14R330MT	33	20	100KHz/0.25V	868	0.30
CDRH3D14R470MT	47	20	100KHz/0.25V	1180	0.25

CDRH3D16R Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH3D16R1R2NT	1.2	30	100KHz/0.25V	33	1.50
CDRH3D16R2R2NT	2.2	30	100KHz/0.25V	72	1.20
CDRH3D16R3R3NT	3.3	30	100KHz/0.25V	66	0.80
CDRH3D16R3R9NT	3.9	30	100KHz/0.25V	81	0.75
CDRH3D16R4R7NT	4.7	30	100KHz/0.25V	91	0.68
CDRH3D16R6R8NT	6.8	30	100KHz/0.25V	130	0.58
CDRH3D16R100MT	10	20	100KHz/0.25V	190	0.46
CDRH3D16R120MT	12	20	100KHz/0.25V	205	0.42
CDRH3D16R150MT	15	20	100KHz/0.25V	272	0.38
CDRH3D16R180MT	18	20	100KHz/0.25V	327	0.34
CDRH3D16R220MT	22	20	100KHz/0.25V	356	0.31
CDRH3D16R330MT	33	20	100KHz/0.25V	560	0.26
CDRH3D16R470MT	47	20	100KHz/0.25V	775	0.21

CDRH3D28R Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH3D28R2R2NT	2.2	30	100KHz/0.25V	90	1.75
CDRH3D28R3R3NT	3.3	30	100KHz/0.25V	105	1.50
CDRH3D28R4R7NT	4.7	30	100KHz/0.25V	116	1.20
CDRH3D28R6R8NT	6.8	30	100KHz/0.25V	135	1.00
CDRH3D28R100MT	10	20	100KHz/0.25V	145	1.05
CDRH3D28R150MT	15	20	100KHz/0.25V	213	0.90
CDRH3D28R220MT	22	20	100KHz/0.25V	335	0.76
CDRH3D28R330MT	33	20	100KHz/0.25V	481	0.58
CDRH3D28R470MT	47	20	100KHz/0.25V	599	0.48
CDRH3D28R680MT	68	20	100KHz/0.25V	930	0.42

CDRH3D16S Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH3D16S1R2NT	1.2	30	100KHz/0.25V	33	1.50
CDRH3D16S3R3NT	3.3	30	100KHz/0.25V	66	0.80
CDRH3D16S3R9NT	3.9	30	100KHz/0.25V	81	0.75
CDRH3D16S4R7NT	4.7	30	100KHz/0.25V	91	0.68
CDRH3D16S6R8NT	6.8	30	100KHz/0.25V	130	0.58
CDRH3D16S100MT	10	20	100KHz/0.25V	190	0.46
CDRH3D16S120MT	12	20	100KHz/0.25V	205	0.42
CDRH3D16S150MT	15	20	100KHz/0.25V	272	0.38
CDRH3D16S180MT	18	20	100KHz/0.25V	327	0.34
CDRH3D16S220MT	22	20	100KHz/0.25V	356	0.31
CDRH3D16S330MT	33	20	100KHz/0.25V	560	0.26
CDRH3D16S470MT	47	20	100KHz/0.25V	775	0.21

CDRH3D28S Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH3D28S2R2NT	2.2	30	100KHz/0.25V	90	1.75
CDRH3D28S3R3NT	3.3	30	100KHz/0.25V	105	1.50
CDRH3D28S4R7NT	4.7	30	100KHz/0.25V	116	1.20
CDRH3D28S6R8NT	6.8	30	100KHz/0.25V	135	1.00
CDRH3D28S100MT	10	20	100KHz/0.25V	145	1.05
CDRH3D28S150MT	15	20	100KHz/0.25V	213	0.90
CDRH3D28S220MT	22	20	100KHz/0.25V	335	0.76
CDRH3D28S330MT	33	20	100KHz/0.25V	481	0.58
CDRH3D28S470MT	47	20	100KHz/0.25V	599	0.48
CDRH3D28S680MT	68	20	100KHz/0.25V	930	0.42

CDRH4D18S Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH4D18S1R0NT	1.0	30	100KHz/0.25V	45	1.72
CDRH4D18S2R2NT	2.2	30	100KHz/0.25V	75	1.32
CDRH4D18S2R7NT	2.7	30	100KHz/0.25V	105	1.28
CDRH4D18S3R3NT	3.3	30	100KHz/0.25V	110	1.04
CDRH4D18S3R9NT	3.9	30	100KHz/0.25V	155	0.88
CDRH4D18S4R7NT	4.7	30	100KHz/0.25V	162	0.84
CDRH4D18S5R6NT	5.6	30	100KHz/0.25V	170	0.80
CDRH4D18S6R8NT	6.8	30	100KHz/0.25V	200	0.76
CDRH4D18S8R2NT	8.2	30	100KHz/0.25V	245	0.68
CDRH4D18S100MT	10	20	100KHz/0.25V	260	0.61

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH4D18S120MT	12	20	100KHz/0.25V	280	0.56
CDRH4D18S150MT	15	20	100KHz/0.25V	310	0.50
CDRH4D18S180MT	18	20	100KHz/0.25V	338	0.48
CDRH4D18S220MT	22	20	100KHz/0.25V	397	0.41
CDRH4D18S270MT	27	20	100KHz/0.25V	441	0.35
CDRH4D18S330MT	33	20	100KHz/0.25V	694	0.32
CDRH4D18S390MT	39	20	100KHz/0.25V	709	0.30
CDRH4D18S101MT	100	20	100KHz/0.25V	1400	0.20
CDRH4D18S221MT	220	20	100KHz/0.25V	2400	0.15

CDRH4D28S Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH4D28S1R0NT	1.0	30	100KHz/0.25V	23.6	2.56
CDRH4D28S2R2NT	2.2	30	100KHz/0.25V	31.3	2.04
CDRH4D28S2R7NT	2.7	30	100KHz/0.25V	43.3	1.60
CDRH4D28S3R3NT	3.3	30	100KHz/0.25V	49.2	1.57
CDRH4D28S3R9NT	3.9	30	100KHz/0.25V	64.8	1.44
CDRH4D28S4R7NT	4.7	30	100KHz/0.25V	72.0	1.32
CDRH4D28S5R6NT	5.6	30	100KHz/0.25V	105.0	1.17
CDRH4D28S6R8NT	6.8	30	100KHz/0.25V	109.0	1.12
CDRH4D28S8R2NT	8.2	30	100KHz/0.25V	118.0	1.04
CDRH4D28S100NT	10	30	100KHz/0.25V	128.0	1.00
CDRH4D28S120MT	12	20	100KHz/0.25V	132.0	0.84
CDRH4D28S150MT	15	20	100KHz/0.25V	149.0	0.76
CDRH4D28S180MT	18	20	100KHz/0.25V	166.0	0.72
CDRH4D28S220MT	22	20	100KHz/0.25V	235.0	0.70
CDRH4D28S270MT	27	20	100KHz/0.25V	261.0	0.58
CDRH4D28S330MT	33	20	100KHz/0.25V	332.0	0.56
CDRH4D28S390MT	39	20	100KHz/0.25V	384.0	0.50
CDRH4D28S470MT	47	20	100KHz/0.25V	588.0	0.48
CDRH4D28S560MT	56	20	100KHz/0.25V	625.0	0.41
CDRH4D28S680MT	68	20	100KHz/0.25V	699.0	0.35
CDRH4D28S820MT	82	20	100KHz/0.25V	915.0	0.32
CDRH4D28S101MT	100	20	100KHz/0.25V	1020.0	0.29
CDRH4D28S121MT	120	20	100KHz/0.25V	1270.0	0.27
CDRH4D28S151MT	150	20	100KHz/0.25V	1350.0	0.24
CDRH4D28S181MT	180	20	100KHz/0.25V	1540.0	0.22

CDRH5D18S Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH5D18S4R1NT	4.1	30	100KHz/0.25V	57	1.95
CDRH5D18S5R4NT	5.4	30	100KHz/0.25V	76	1.60
CDRH5D18S6R2NT	6.2	30	100KHz/0.25V	96	1.40
CDRH5D18S6R8NT	6.8	30	100KHz/0.25V	96	1.40
CDRH5D18S8R9NT	8.9	30	100KHz/0.25V	116	1.25
CDRH5D18S100MT	10	20	100KHz/0.25V	124	1.20
CDRH5D18S120MT	12	20	100KHz/0.25V	153	1.10
CDRH5D18S150MT	15	20	100KHz/0.25V	196	0.97
CDRH5D18S180MT	18	20	100KHz/0.25V	210	0.85
CDRH5D18S220MT	22	20	100KHz/0.25V	290	0.80
CDRH5D18S270MT	27	20	100KHz/0.25V	330	0.75
CDRH5D18S330MT	33	20	100KHz/0.25V	385	0.65
CDRH5D18S390MT	39	20	100KHz/0.25V	520	0.57
CDRH5D18S470MT	47	20	100KHz/0.25V	595	0.54
CDRH5D18S560MT	56	20	100KHz/0.25V	665	0.50
CDRH5D18S680MT	68	20	100KHz/0.25V	840	0.43
CDRH5D18S820MT	82	20	100KHz/0.25V	978	0.41
CDRH5D18S101MT	100	20	100KHz/0.25V	1200	0.36

CDRH5D28S Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH5D28S1R0NT	1.0	30	100KHz/0.25V	12	3.70
CDRH5D28S1R2NT	1.2	30	100KHz/0.25V	13	3.50
CDRH5D28S2R2NT	2.2	30	100KHz/0.25V	18	2.80
CDRH5D28S2R5NT	2.5	30	100KHz/0.25V	18	2.60
CDRH5D28S2R7NT	2.7	30	100KHz/0.25V	18	2.60
CDRH5D28S3R0NT	3	30	100KHz/0.25V	24	2.40
CDRH5D28S3R3NT	3.3	30	100KHz/0.25V	24	2.40
CDRH5D28S3R9NT	3.9	30	100KHz/0.25V	31	2.20
CDRH5D28S4R2NT	4.2	30	100KHz/0.25V	31	2.20
CDRH5D28S4R7NT	4.7	30	100KHz/0.25V	35	2.00
CDRH5D28S5R3NT	5.3	30	100KHz/0.25V	38	1.90
CDRH5D28S6R2NT	6.2	30	100KHz/0.25V	45	1.80
CDRH5D28S6R8NT	6.8	30	100KHz/0.25V	48	1.70
CDRH5D28S8R2NT	8.2	30	100KHz/0.25V	53	1.60
CDRH5D28S100MT	10	20	100KHz/0.25V	65	1.30
CDRH5D28S120MT	12	20	100KHz/0.25V	76	1.20
CDRH5D28S150MT	15	20	100KHz/0.25V	103	1.10
CDRH5D28S180MT	18	20	100KHz/0.25V	110	1.00

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH5D28S220MT	22	20	100KHz/0.25V	122	0.90
CDRH5D28S270MT	27	20	100KHz/0.25V	175	0.85
CDRH5D28S330MT	33	20	100KHz/0.25V	189	0.75
CDRH5D28S390MT	39	20	100KHz/0.25V	212	0.70
CDRH5D28S470MT	47	20	100KHz/0.25V	250	0.62
CDRH5D28S560MT	56	20	100KHz/0.25V	305	0.58
CDRH5D28S680MT	68	20	100KHz/0.25V	355	0.52
CDRH5D28S820MT	82	20	100KHz/0.25V	463	0.46
CDRH5D28S101MT	100	20	100KHz/0.25V	520	0.42
CDRH5D28S151MT	150	20	100KHz/0.25V	1050	0.35
CDRH5D28S181MT	180	20	100KHz/0.25V	1550	0.32

CDRH6D28S Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH6D28S1R2NT	1.2	30	100KHz/0.25V	14	4.50
CDRH6D28S2R2NT	2.2	30	100KHz/0.25V	25	3.00
CDRH6D28S3R0NT	3.0	30	100KHz/0.25V	24	3.00
CDRH6D28S3R3NT	3.3	30	100KHz/0.25V	25	3.00
CDRH6D28S3R6NT	3.6	30	100KHz/0.25V	27	2.60
CDRH6D28S3R9NT	3.9	30	100KHz/0.25V	27	2.60
CDRH6D28S4R7NT	4.7	30	100KHz/0.25V	30	2.50
CDRH6D28S5R0NT	5.0	30	100KHz/0.25V	31	2.40
CDRH6D28S6R0NT	6.0	30	100KHz/0.25V	35	2.25
CDRH6D28S7R3NT	7.3	30	100KHz/0.25V	54	2.10
CDRH6D28S8R6NT	8.6	30	100KHz/0.25V	58	1.85
CDRH6D28S9R0NT	9.0	30	100KHz/0.25V	58	1.85
CDRH6D28S100MT	10	20	100KHz/0.25V	65	1.70
CDRH6D28S120MT	12	20	100KHz/0.25V	70	1.55
CDRH6D28S150MT	15	20	100KHz/0.25V	84	1.40
CDRH6D28S180MT	18	20	100KHz/0.25V	95	1.32
CDRH6D28S220MT	22	20	100KHz/0.25V	128	1.20
CDRH6D28S270MT	27	20	100KHz/0.25V	142	1.05
CDRH6D28S330MT	33	20	100KHz/0.25V	165	0.97
CDRH6D28S390MT	39	20	100KHz/0.25V	210	0.86
CDRH6D28S470MT	47	20	100KHz/0.25V	238	0.80
CDRH6D28S560MT	56	20	100KHz/0.25V	277	0.73
CDRH6D28S680MT	68	20	100KHz/0.25V	304	0.65
CDRH6D28S820MT	82	20	100KHz/0.25V	390	0.60
CDRH6D28S101MT	100	20	100KHz/0.25V	535	0.54

CDRH6D38 Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH6D38S1R0NT	1.0	30	100KHz/0.25V	10	4.50
CDRH6D38S1R5NT	1.5	30	100KHz/0.25V	11	4.30
CDRH6D38S2R2NT	2.2	30	100KHz/0.25V	15	4.00
CDRH6D38S3R3NT	3.3	30	100KHz/0.25V	20	3.50
CDRH6D38S3R8NT	3.8	30	100KHz/0.25V	20	3.50
CDRH6D38S5R0NT	5.0	30	100KHz/0.25V	24	2.90
CDRH6D38S6R2NT	6.2	30	100KHz/0.25V	27	2.50
CDRH6D38S6R8NT	6.8	30	100KHz/0.25V	29	2.40
CDRH6D38S7R4NT	7.4	30	100KHz/0.25V	31	2.30
CDRH6D38S8R2NT	8.2	30	100KHz/0.25V	34	2.20
CDRH6D38S8R7NT	8.7	30	100KHz/0.25V	34	2.20
CDRH6D38S100MT	10	20	100KHz/0.25V	38	2.00
CDRH6D38S120MT	12	20	100KHz/0.25V	53	1.70
CDRH6D38S150MT	15	20	100KHz/0.25V	57	1.60
CDRH6D38S180MT	18	20	100KHz/0.25V	92	1.50
CDRH6D38S220MT	22	20	100KHz/0.25V	96	1.30
CDRH6D38S270MT	27	20	100KHz/0.25V	109	1.20
CDRH6D38S330MT	33	20	100KHz/0.25V	124	1.10
CDRH6D38S390MT	39	20	100KHz/0.25V	138	1.00
CDRH6D38S470MT	47	20	100KHz/0.25V	155	0.95
CDRH6D38S560MT	56	20	100KHz/0.25V	202	0.85
CDRH6D38S680MT	68	20	100KHz/0.25V	234	0.75
CDRH6D38S820MT	82	20	100KHz/0.25V	324	0.70
CDRH6D38S101MT	100	20	100KHz/0.25V	358	0.65
CDRH6D38S331MT	330	20	100KHz/0.25V	1550	0.35

CDRH8D28C Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH8D28C1R0NT	1.0	30	100KHz/0.25V	12.1	6.50
CDRH8D28C2R5NT	2.5	30	100KHz/0.25V	17.6	4.50
CDRH8D28C3R3NT	3.3	30	100KHz/0.25V	22	4.00
CDRH8D28C4R7NT	4.7	30	100KHz/0.25V	28.6	3.40
CDRH8D28C7R3NT	7.3	30	100KHz/0.25V	42	2.80
CDRH8D28C100MT	10	20	100KHz/0.25V	52	2.50
CDRH8D28C150MT	15	20	100KHz/0.25V	77	1.90
CDRH8D28C220MT	22	20	100KHz/0.25V	106	1.60
CDRH8D28C330MT	33	20	100KHz/0.25V	165	1.30
CDRH8D28C470MT	47	20	100KHz/0.25V	210	1.15
CDRH8D28C680MT	68	20	100KHz/0.25V	300	0.92

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH8D28C101MT	100	20	100KHz/0.25V	440	0.75

CDRH8D38C Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH8D38C1R8NT	1.8	30	100KHz/0.25V	17.6	7.00
CDRH8D38C2R5NT	2.5	30	100KHz/0.25V	19.8	6.50
CDRH8D38C3R3NT	3.3	30	100KHz/0.25V	27	5.00
CDRH8D38C4R7NT	4.7	30	100KHz/0.25V	32	4.60
CDRH8D38C6R0NT	6	30	100KHz/0.25V	35	4.20
CDRH8D38C100MT	10	20	100KHz/0.25V	53	3.00
CDRH8D38C150MT	15	20	100KHz/0.25V	74	2.75
CDRH8D38C220MT	22	20	100KHz/0.25V	116	2.30
CDRH8D38C330MT	33	20	100KHz/0.25V	170	1.75
CDRH8D38C470MT	47	20	100KHz/0.25V	195	1.52
CDRH8D38C680MT	68	20	100KHz/0.25V	298	1.30
CDRH8D38C101MT	100	20	100KHz/0.25V	420	1.05

CDRH8D43C Series

Part Number	Inductance (μ H)	Tolerance (%)	Test Condition	DCR Max. (m Ω)	Isat(A)
CDRH8D43C1R0NT	1.0	30	100KHz/0.25V	13.5	6.20
CDRH8D43C1R2NT	1.2	30	100KHz/0.25V	13.5	6.20
CDRH8D43C2R0NT	2.0	30	100KHz/0.25V	15.4	5.50
CDRH8D43C2R2NT	2.2	30	100KHz/0.25V	17.6	5.00
CDRH8D43C3R6NT	3.6	30	100KHz/0.25V	21	4.50
CDRH8D43C3R9NT	3.9	30	100KHz/0.25V	21	4.50
CDRH8D43C4R7NT	4.7	30	100KHz/0.25V	24.2	4.10
CDRH8D43C6R8NT	6.8	30	100KHz/0.25V	28	3.90
CDRH8D43C8R2NT	8.2	30	100KHz/0.25V	36	3.60
CDRH8D43C100MT	10	20	100KHz/0.25V	40	3.20
CDRH8D43C150MT	15	20	100KHz/0.25V	68	2.30
CDRH8D43C220MT	22	20	100KHz/0.25V	82	1.80
CDRH8D43C330MT	33	20	100KHz/0.25V	135	1.14
CDRH8D43C470MT	47	20	100KHz/0.25V	165	1.30
CDRH8D43C680MT	68	20	100KHz/0.25V	264	1.00
CDRH8D43C101MT	100	20	100KHz/0.25V	390	0.80
CDRH8D43C121MT	120	20	100KHz/0.25V	560	0.70

Note:

Isat: DC current at which the inductance drops approximate 35% from its value without current.