

IHLP4040DZET3R3M01 Datasheet

www.digi-electronics.com



DiGi Electronics Part Number IHLP4040DZET3R3M01-DG

Manufacturer [Vishay Dale](#)

Manufacturer Product Number IHLP4040DZET3R3M01

Description FIXED IND 3.3UH 10A 14.4MOHM SMD

Detailed Description 3.3 μ H Shielded Molded Inductor 10 A 14.4mOhm Max Nonstandard

<https://www.DiGi-Electronics.com>



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

IHLP4040DZET3R3M01

Series:

IHLP-4040DZ-01

Type:

Molded

Inductance:

3.3 μ H

Current Rating (Amps):

10 A

Shielding:

Shielded

Q @ Freq:

-

Ratings:

-

Inductance Frequency - Test:

100 kHz

Mounting Type:

Surface Mount

Supplier Device Package:

4040

Height - Seated (Max):

0.157" (4.00mm)

Manufacturer:

Vishay Dale

Product Status:

Obsolete

Material - Core:

-

Tolerance:

\pm 20%

Current - Saturation (Isat):

18.6A

DC Resistance (DCR):

14.4mOhm Max

Frequency - Self Resonant:

-

Operating Temperature:

-55°C ~ 125°C

Features:

-

Package / Case:

Nonstandard

Size / Dimension:

0.425" L x 0.400" W (10.80mm x 10.16mm)

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

ECCN:

EAR99

Moisture Sensitivity Level (MSL):

1 (Unlimited)

HTSUS:

8504.50.4000



ALTERNATIVE VISHAY PART NUMBERS																	
ALTERNATIVE VISHAY PN	L (mm) MAX.	W (mm) MAX.	H (mm) MAX.	L IND. (μH)	DCR (mΩ) MAX.	I _{SAT} (mA)	I _{RMS} (mA)	Packing (Reel)	ORIGINAL VISHAY PN	L (mm) MAX.	W (mm) MAX.	H (mm) MAX.	L IND. (μH)	DCR (mΩ) MAX.	I _{SAT} (mA)	I _{RMS} (mA)	Packing (Reel)
IHLP1616BZETR10N01	4.7	4.31	2.0	0.1	5	35000	12000	3000	IHLP1616BZERR10M01	4.7	4.3	2.0	0.1	5	35000	16000	4000
IHLP1616BZETR22N01	4.7	4.31	2.0	0.22	8.6	24000	13000	3000	IHLP1616BZERR22M01	4.7	4.3	2.0	0.22	8.6	24000	13000	4000
IHLP1616BZETR47M01	4.7	4.31	2.0	0.47	18	11500	5600	3000	IHLP1616BZERR47M01	4.7	4.3	2.0	0.47	18	11500	5600	4000
IHLP1616BZET1R0M01	4.7	4.31	2.0	1	37	7000	3750	3000	IHLP1616BZER1R0M01	4.7	4.3	2.0	1	37	8500	3750	4000
IHLP1616BZET1R5M01	4.7	4.31	2.0	1.5	46.3	6100	4500	3000	IHLP1616BZER1R5M01	4.7	4.3	2.0	1.5	46.3	6100	5100	4000
IHLP1616BZET2R2M01	4.7	4.31	2.0	2.2	90	6000	2850	3000	IHLP1616BZER2R2M01	4.7	4.3	2.0	2.2	90	6000	2850	4000
IHLP2020BZETR10N01	6.0	5.4	2.0	0.1	4	43000	17000	3000	IHLP2020BZERR10M01	5.7	5.4	2.0	0.1	3.9	45000	17000	2000
IHLP2020BZETR22M01	6.0	5.4	2.0	0.22	5.5	22000	15000	3000	IHLP2020BZERR22M01	5.7	5.4	2.0	0.22	5.2	22000	15000	2000
IHLP2020BZETR33M01	6.0	5.4	2.0	0.33	8.2	21000	12000	3000	IHLP2020BZERR33M01	5.7	5.4	2.0	0.33	8.2	25000	12000	2000
IHLP2020BZETR47M01	6.0	5.4	2.0	0.47	9.4	15000	11500	3000	IHLP2020BZERR47M01	5.7	5.4	2.0	0.47	9.4	21000	11500	2000
IHLP2020BZETR68M01	6.0	5.4	2.0	0.68	12.4	14000	10000	3000	IHLP2020BZERR68M01	5.7	5.4	2.0	0.68	12.4	15000	10000	2000
IHLP2020BZET1R0M01	6.0	5.4	2.0	1	20	13000	7000	3000	IHLP2020BZER1R0M01	5.7	5.4	2.0	1	20	16000	7000	2000
IHLP2020BZET2R2M01	6.0	5.4	2.0	2.2	50.1	9000	4200	3000	IHLP2020BZER2R2M01	5.7	5.4	2.0	2.2	50.1	9500	4200	2000
IHLP2020BZET3R3M01	6.0	5.4	2.0	3.3	85.5	8000	3300	3000	IHLP2020BZER3R3M01	5.7	5.4	2.0	3.3	85.5	8500	3300	2000
IHLP2020BZET4R7M01	6.0	5.4	2.0	4.7	116.6	5000	2800	3000	IHLP2020BZER4R7M01	5.7	5.4	2.0	4.7	116.6	5000	2800	2000
IHLP2020BZET5R6M01	6.0	5.4	2.0	5.6	122	4500	2500	3000	IHLP2020BZER5R6M01	5.7	5.4	2.0	5.6	122	4500	2500	2000
IHLP2020BZET6R8M01	6.0	5.4	2.0	6.8	150	4300	2400	3000	IHLP2020BZER6R8M01	5.7	5.4	2.0	6.8	150	4300	2400	2000
IHLP2020BZET100M01	6.0	5.4	2.0	10	199	4000	2300	3000	IHLP2020BZER100M01	5.7	5.4	2.0	10	199	4000	2300	2000
IHLP2020CZETR33M01	6.0	5.4	3.0	0.33	5.56	18000	13700	2000	IHLP2020CZERR33M01	5.7	5.4	3.0	0.33	5.56	19000	13700	2000
IHLP2020CZETR47M01	6.0	5.4	3.0	0.47	7.4	15000	12000	2000	IHLP2020CZERR47M01	5.7	5.4	3.0	0.47	7.04	16000	12200	2000
IHLP2020CZETR68M01	6.0	5.4	3.0	0.68	12	13000	8500	2000	IHLP2020CZERR68M01	5.7	5.4	3.0	0.68	8.96	13500	10200	2000
IHLP2020CZETR82M01	6.0	5.4	3.0	0.82	13	11000	8000	2000	IHLP2020CZERR82M01	5.7	5.4	3.0	0.82	11.9	13000	9300	2000
IHLP2020CZET1R0M01	6.0	5.4	3.0	1	14	9000	7000	2000	IHLP2020CZER1R0M01	5.7	5.4	3.0	1	13.7	12000	9200	2000
IHLP2020CZET1R5M01	6.0	5.4	3.0	1.5	25	8800	6000	2000	IHLP2020CZER1R5M01	5.7	5.4	3.0	1.5	20.7	11000	7200	2000
IHLP2020CZET2R2M01	6.0	5.4	3.0	2.2	35	8500	5500	2000	IHLP2020CZER2R2M01	5.7	5.4	3.0	2.2	29.2	10000	5800	2000
IHLP2020CZET3R3M01	6.0	5.4	3.0	3.3	54.7	8000	5000	2000	IHLP2020CZER3R3M01	5.7	5.4	3.0	3.3	54.7	8500	5000	2000
IHLP2020CZET4R7M01	6.0	5.4	3.0	4.7	77.5	7200	3500	2000	IHLP2020CZER4R7M01	5.7	5.4	3.0	4.7	77.5	8200	3500	2000
IHLP2020CZET5R6M01	6.0	5.4	3.0	5.6	108	4100	3000	2000	IHLP2020CZER5R6M01	5.7	5.4	3.0	5.6	108	4100	3000	2000
IHLP2020CZET100M01	6.0	5.4	3.0	10	164	3500	2500	2000	IHLP2020CZER100M01	5.7	5.4	3.0	10	164	4000	2500	2000
IHLP2020CZET150M01	6.0	5.4	3.0	15	265	2500	1900	2000	IHLP2020CZER150M01	5.7	5.4	3.0	15	265	2500	1900	2000
IHLP2525CZETR10N01	7.6	6.9	3.0	0.1	1.7	60000	32500	1000	IHLP2525CZERR10M01	7.2	6.7	3.0	0.1	1.7	60000	32500	2000
IHLP2525CZETR15N01	7.6	6.9	3.0	0.15	2.5	52000	26000	1000	IHLP2525CZERR15M01	7.2	6.7	3.0	0.15	2.5	52000	26000	2000
IHLP2525CZETR20N01	7.6	6.9	3.0	0.2	3	41000	24000	1000	IHLP2525CZERR20M01	7.2	6.7	3.0	0.2	3	41000	24000	2000
IHLP2525CZETR22N01	7.6	6.9	3.0	0.22	2.8	40000	23000	1000	IHLP2525CZERR22M01	7.2	6.7	3.0	0.22	2.8	40000	23000	2000
IHLP2525CZETR33M01	7.6	6.9	3.0	0.33	3.9	30000	20000	1000	IHLP2525CZERR33M01	7.2	6.7	3.0	0.33	3.9	30000	20000	2000
IHLP2525CZETR47M01	7.6	6.9	3.0	0.47	4.2	26000	17500	1000	IHLP2525CZERR47M01	7.2	6.7	3.0	0.47	4.2	26000	17500	2000
IHLP2525CZETR68M01	7.6	6.9	3.0	0.68	5.5	25000	15500	1000	IHLP2525CZERR68M01	7.2	6.7	3.0	0.68	5.5	25000	15500	2000
IHLP2525CZETR82M01	7.6	6.9	3.0	0.82	8	23000	13000	1000	IHLP2525CZERR82M01	7.2	6.7	3.0	0.82	8	24000	13000	2000
IHLP2525CZET1R0M01	7.6	6.9	3.0	1	10	19000	11000	1000	IHLP2525CZER1R0M01	7.2	6.7	3.0	1	10	22000	11000	2000
IHLP2525CZET1R5M01	7.6	6.9	3.0	1.5	15	17000	9000	1000	IHLP2525CZER1R5M01	7.2	6.7	3.0	1.5	15	18000	9000	2000
IHLP2525CZET2R2M01	7.6	6.9	3.0	2.2	20	14000	8000	1000	IHLP2525CZER2R2M01	7.2	6.7	3.0	2.2	20	14000	8000	2000
IHLP2525CZET3R3M01	7.6	6.9	3.0	3.3	30	11500	6000	1000	IHLP2525CZER3R3M01	7.2	6.7	3.0	3.3	30	13500	6000	2000
IHLP2525CZET4R7M01	7.6	6.9	3.0	4.7	40	9300	5500	1000	IHLP2525CZER4R7M01	7.2	6.7	3.0	4.7	40	10000	5500	2000
IHLP2525CZET6R8M01	7.6	6.9	3.0	6.8	60	8000	4500	1000	IHLP2525CZER6R8M01	7.2	6.7	3.0	6.8	60	8000	4500	2000
IHLP2525CZET8R2M01	7.6	6.9	3.0	8.2	68	6600	4000	1000	IHLP2525CZER8R2M01	7.2	6.7	3.0	8.2	68	7500	4000	2000
IHLP2525CZET100M01	7.6	6.9	3.0	10	105	5200	3000	1000	IHLP2525CZER100M01	7.2	6.7	3.0	10	105	7000	3000	2000
IHLP4040DZETR19N01	11.5	10.3	4.0	0.19	0.95	75000	36000	500	IHLP4040DZERR19M01	11.1	10.3	4.0	0.19	0.95	90000	40000	500
IHLP4040DZETR36M01	11.5	10.3	4.0	0.36	1.4	60000	31000	500	IHLP4040DZERR36M01	11.1	10.3	4.0	0.36	1.4	60000	31500	500
IHLP4040DZETR56M01	11.5	10.3	4.0	0.56	1.8	45000	25000	500	IHLP4040DZERR56M01	11.1	10.3	4.0	0.56	1.8	49000	27500	500
IHLP4040DZET1R0M01	11.5	10.3	4.0	1	4.1	35000	17500	500	IHLP4040DZER1R0M01	11.1	10.3	4.0	1	4.1	36000	17500	500
IHLP4040DZET1R5M01	11.5	10.3	4.0	1.5	5.8	27500	15000	500	IHLP4040DZER1R5M01	11.1	10.3	4.0	1.5	5.8	27500	15000	500
IHLP4040DZET2R2M01	11.5	10.3	4.0	2.2	9	19000	12000	500	IHLP4040DZER2R2M01	11.1	10.3	4.0	2.2	9	25600	12000	500
IHLP4040DZET3R3M01	11.5	10.3	4.0	3.3	14.4	16000	10000	500	IHLP4040DZER3R3M01	11.1	10.3	4.0	3.3	14.4	18600	10000	500
IHLP4040DZET4R7M01	11.5	10.3	4.0	4.7	16.5	15000	9500	500	IHLP4040DZER4R7M01	11.1	10.3	4.0	4.7	16.5	17000	9500	500
IHLP4040DZET5R6M01	11.5	10.3	4.0	5.6	19.3	13000	8500	500	IHLP4040DZER5R6M01	11.1	10.3	4.0	5.6	19.3	16000	8500	500
IHLP4040DZET6R8M01	11.5	10.3	4.0	6.8	23.3	12000	8000	500	IHLP4040DZER6R8M01	11.1	10.3	4.0	6.8	23.3	13500	8000	500
IHLP4040DZET100M01	11.5	10.3	4.0	10	36.5	10000	6800	500	IHLP4040DZER100M01	11.1	10.3	4.0	10	36.5	12000	6800	500



ALTERNATIVE VISHAY PART NUMBERS																	
ALTERNATIVE VISHAY PN	L (mm) MAX.	W (mm) MAX.	H (mm) MAX.	L IND. (μH)	DCR (mΩ) MAX.	I _{SAT} (mA)	I _{RMS} (mA)	Packing (Reel)	ORIGINAL VISHAY PN	L (mm) MAX.	W (mm) MAX.	H (mm) MAX.	L IND. (μH)	DCR (mΩ) MAX.	I _{SAT} (mA)	I _{RMS} (mA)	Packing (Reel)
IHLP1616BZETR10M11	4.7	4.3	2.0	0.1	4.5	12000	12000	3000	IHLP1616BZERR10M11	4.7	4.3	2.0	0.1	4.5	12000	12000	4000
IHLP1616BZETR22M11	4.7	4.3	2.0	0.22	7	8500	9000	3000	IHLP1616BZERR22M11	4.7	4.3	2.0	0.22	7	9000	9000	4000
IHLP1616BZETR47M11	4.7	4.3	2.0	0.47	16	5500	7000	3000	IHLP1616BZERR47M11	4.7	4.3	2.0	0.47	16	7000	7000	4000
IHLP1616BZET1R0M11	4.7	4.3	2.0	1	27	3800	4500	3000	IHLP1616BZER1R0M11	4.7	4.3	2.0	1	27	5000	4500	4000
IHLP1616BZET1R5M11	4.7	4.3	2.0	1.5	38	3500	5100	3000	IHLP1616BZER1R5M11	4.7	4.3	2.0	1.5	38	3500	5100	4000
IHLP1616BZET2R2M11	4.7	4.3	2.0	2.2	68	2800	3250	3000	IHLP1616BZER2R2M11	4.7	4.3	2.0	2.2	68	3250	3250	4000
IHLP1616BZET3R3M11	4.7	4.3	2.0	3.3	94.3	2100	2700	3000	IHLP1616BZER3R3M11	4.7	4.3	2.0	3.3	94.3	2200	2700	4000
IHLP1616BZET4R7M11	4.7	4.3	2.0	4.7	105	1750	1700	3000	IHLP1616BZER4R7M11	4.7	4.3	2.0	4.7	105	1750	1700	4000
IHLP2020BZETR22M11	6.0	5.4	2.0	0.22	4.5	13000	16000	3000	IHLP2020BZERR22M11	5.7	5.4	2.0	0.22	4.5	13000	17000	2000
IHLP2020BZETR33M11	6.0	5.4	2.0	0.33	6	7500	13000	3000	IHLP2020BZERR33M11	5.7	5.4	2.0	0.33	5.9	7500	13000	2000
IHLP2020BZETR47M11	6.0	5.4	2.0	0.47	7.7	7000	12500	3000	IHLP2020BZERR47M11	5.7	5.4	2.0	0.47	7.7	8000	12500	2000
IHLP2020BZET1R0M11	6.0	5.4	2.0	1	18.1	6100	7500	3000	IHLP2020BZER1R0M11	5.7	5.4	2.0	1	18.1	7000	7500	2000
IHLP2020BZET2R2M11	6.0	5.4	2.0	2.2	37.7	3500	5000	3000	IHLP2020BZER2R2M11	5.7	5.4	2.0	2.2	37.7	5500	5000	2000
IHLP2020BZET3R3M11	6.0	5.4	2.0	3.3	60	3200	4100	3000	IHLP2020BZER3R3M11	5.7	5.4	2.0	3.3	57.8	4700	4100	2000
IHLP2020CZETR47M11	6.0	5.5	3.0	0.47	6	6000	13500	2000	IHLP2020CZERR47M11	5.7	5.4	3.0	0.47	6	9000	14000	2000
IHLP2020CZET1R0M11	6.0	5.5	3.0	1	12	5100	9000	2000	IHLP2020CZER1R0M11	5.7	5.4	3.0	1	11	6500	10000	2000
IHLP2020CZET1R5M11	6.0	5.5	3.0	1.5	18.5	4500	7500	2000	IHLP2020CZER1R5M11	5.7	5.4	3.0	1.5	18.5	7000	7500	2000
IHLP2020CZET2R2M11	6.0	5.5	3.0	2.2	25	4000	6750	2000	IHLP2020CZER2R2M11	5.7	5.4	3.0	2.2	25	5500	6750	2000
IHLP2020CZET3R3M11	6.0	5.5	3.0	3.3	40.4	3600	5500	2000	IHLP2020CZER3R3M11	5.7	5.4	3.0	3.3	40.4	7000	5500	2000
IHLP2020CZET4R7M11	6.0	5.5	3.0	4.7	60	3200	4500	2000	IHLP2020CZER4R7M11	5.7	5.4	3.0	4.7	60	5200	4500	2000
IHLP2020CZET5R6M11	6.0	5.5	3.0	5.6	70.6	2600	4250	2000	IHLP2020CZER5R6M11	5.7	5.4	3.0	5.6	70.6	3500	4250	2000
IHLP2020CZET100M11	6.0	5.5	3.0	10	131.9	1400	2750	2000	IHLP2020CZER100M11	5.7	5.4	3.0	10	131.9	2250	2750	2000
IHLP2020CZET150M11	6.0	5.5	3.0	15	174	1200	2400	2000	IHLP2020CZER150M11	5.7	5.4	3.0	15	174	2400	2400	2000
IHLP2525CZET1R0M11	7.4	6.7	3.0	1	8	8300	12000	1000	IHLP2525CZER1R0M11	7.2	6.7	3.0	1	8	9500	12500	2000
IHLP2525CZET2R2M11	7.4	6.7	3.0	2.2	16.5	7000	8000	1000	IHLP2525CZER2R2M11	7.2	6.7	3.0	2.2	16.5	7000	9000	2000
IHLP2525CZET3R3M11	7.4	6.7	3.0	2.7	26	5600	6500	1000	IHLP2525CZER3R3M11	7.2	6.7	3.0	3.3	26	6500	7000	2000
IHLP2525CZET4R7M11	7.4	6.7	3.0	3.3	33.4	4000	5500	1000	IHLP2525CZER4R7M11	7.2	6.7	3.0	4.7	33.4	4000	6000	2000
IHLP2525CZET6R8M11	7.4	6.7	3.0	6.8	50	4000	4500	1000	IHLP2525CZER6R8M11	7.2	6.7	3.0	6.8	44.6	4000	5500	2000
IHLP2525CZET8R2M11	7.4	6.7	3.0	8.2	60	3500	4500	1000	IHLP2525CZER8R2M11	7.2	6.7	3.0	8.2	52.3	4000	5000	2000
IHLP2525CZET100M11	7.4	6.7	3.0	10	71.2	3000	4000	1000	IHLP2525CZER100M11	7.2	6.7	3.0	10	71.2	3500	4000	2000
IHLP2525CZET220M11	7.4	6.7	3.0	22	190	1900	2500	1000	IHLP2525CZER220M11	7.2	6.7	3.0	22	135	2500	2900	2000
IHLP4040DZETR36M11	11.3	10.3	4.0	0.36	1.18	30000	32000	500	IHLP4040DZERR36M11	11.1	10.3	4.0	0.36	1.15	30000	32000	500
IHLP4040DZETR47M11	11.3	10.3	4.0	0.47	1.68	28000	30000	500	IHLP4040DZERR47M11	11.1	10.3	4.0	0.47	1.68	30000	30000	500
IHLP4040DZETR56M11	11.3	10.3	4.0	0.56	1.8	22000	25000	500	IHLP4040DZERR56M11	11.1	10.3	4.0	0.56	1.8	22000	32000	500
IHLP4040DZET1R0M11	11.3	10.3	4.0	1	3.25	18000	20000	500	IHLP4040DZER1R0M11	11.1	10.3	4.0	1	2.5	20000	25000	500
IHLP4040DZET4R7M11	11.3	10.3	4.0	4.7	19	7600	8800	500	IHLP4040DZER4R7M11	11.1	10.3	4.0	4.7	14.2	7600	9500	500
IHLP4040DZET6R8M11	11.3	10.3	4.0	6.8	24.5	7200	7800	500	IHLP4040DZER6R8M11	11.1	10.3	4.0	6.8	19.3	7500	9000	500
IHLP4040DZET100M11	11.3	10.3	4.0	10	30.5	5500	7500	500	IHLP4040DZER100M11	11.1	10.3	4.0	10	30.5	7100	7500	500
IHLP4040DZET150M11	11.3	10.3	4.0	15	45	4500	6250	500	IHLP4040DZER150M11	11.1	10.3	4.0	15	45	6000	6250	500
IHLP4040DZET220M11	11.3	10.3	4.0	22	66	3800	5000	500	IHLP4040DZER220M11	11.1	10.3	4.0	22	66	4500	5000	500
IHLP4040DZET330M11	11.3	10.3	4.0	33	94.5	3000	4400	500	IHLP4040DZER330M11	11.1	10.3	4.0	33	94.5	4000	4400	500
IHLP4040DZET470M11	11.3	10.3	4.0	47	145	2700	3300	500	IHLP4040DZER470M11	11.1	10.3	4.0	47	145	3000	3300	500

OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: Info@DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.