



Image may be representation.  
See specifications for product details.



## IHLP4040DZER220M1A

Manufacturer Part Number **IHLP4040DZER220M1A**

Manufacturer **Dale / Vishay**

Allelco Part Number **32D-IHLP4040DZER220M1A**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IHLP-4040DZ-1A 22 20% ER E3**

Package **Nonstandard**

Data sheet **[IHLP-4040DZ-1A Series Datasheet.pdf](#)**

**[IHLP-4040DZ-1A Series Datasheet.pdf](#)**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

IHLP4040DZER220M1A - Vishay Dale. New Original in Stock. Download Linear Technology IHLP4040DZER220M1A datasheet/specifications on AllelcoElec.com.  
Request a quote for IHLP4040DZER220M1A, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

IHLP4040DZER220M1A Tech Specifications

IHLP4040DZER220M1A - Vishay Dale technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Dale / Vishay	Operating Temperature	-55°C ~ 125°C
Type	-	Mounting Type	Surface Mount
Tolerance	±20%	Material - Core	Metal Composite
Supplier Device Package	-	Inductance Frequency - Test	100 kHz
Size / Dimension	0.425" L x 0.400" W (10.80mm x 10.16mm)	Inductance	22 µH
Shielding	Shielded	Height - Seated (Max)	0.157" (4.00mm)
Series	IHLP-4040DZ-1A	Frequency - Self Resonant	-
Ratings	AEC-Q200	Features	-
Q @ Freq	-	DC Resistance (DCR)	66mOhm Max
Package / Case	Nonstandard	Current Rating (Amps)	5 A
Package	Tape & Reel (TR)	Current - Saturation (Isat)	4.5A

### Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Dale IHLP4040DZER220M1A

Product Attribute				
Part Number	IHLP4040DZER220M1A	<b>IHLP4040DZER1R8M11</b>	<b>IHLP4040DZER1R5M01</b>	<b>IHLP4040DZER330M5A</b>
Manufacturer	Vishay Dale	Vishay Dale	Vishay Dale	Vishay Dale
Current - Saturation (Isat)	4.5A	16A	27.5A	4.2A
Current Rating (Amps)	5 A	17 A	15 A	3.7 A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Size / Dimension	0.425" L x 0.400" W (10.80mm x 10.16mm)	0.425" L x 0.400" W (10.80mm x 10.16mm)	0.425" L x 0.400" W (10.80mm x 10.16mm)	0.425" L x 0.400" W (10.80mm x 10.16mm)
Material - Core	Metal Composite	-	-	-
Frequency - Self Resonant	-	-	-	5.79MHz
Ratings	AEC-Q200	-	-	AEC-Q200
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Features	-	-	-	-
Q @ Freq	-	-	-	-
Supplier Device Package	-	4040	4040	4040
Tolerance	±20%	±20%	±20%	±20%
Shielding	Shielded	Shielded	Shielded	Shielded
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Height - Seated (Max)	0.157" (4.00mm)	0.157" (4.00mm)	0.157" (4.00mm)	0.157" (4.00mm)
DC Resistance (DCR)	66mOhm Max	5mOhm Max	5.8mOhm Max	117.7mOhm Max
Series	IHLP-4040DZ-1A	IHLP-4040DZ-11	IHLP-4040DZ-01	IHLP-4040DZ-5A
Inductance	22 µH	1.8 µH	1.5 µH	33 µH
Package / Case	Nonstandard	Nonstandard	Nonstandard	Nonstandard
Inductance Frequency - Test	100 kHz	100 kHz	100 kHz	100 kHz
Type	-	Molded	Molded	Molded

### IHLP4040DZER220M1A Datasheet PDF

Download IHLP4040DZER220M1A pdf datasheets and Vishay Dale documentation for IHLP4040DZER220M1A - Vishay Dale.

#### Datasheets



[IHLP-4040DZ-1A Series Datasheet.pdf](#)

#### HTML Datasheet



## Customers Also Interested in

### Recommended Products

**IHLP4040DZER1R5M**

Electro-Films (EFI) / Vishay

**IHLP4040DZER1R8M11**Vishay Dale  
FIXED IND 1.8UH 17A 5 MOHM SMD**IHLP4040DZER1R5M01**Vishay Dale  
FIXED IND 1.5UH 15A 5.8 MOHM  
SMD**IHLP4040DZER330M5A**Vishay Dale  
FIXED IND 33UH 3.7A 117.7MOHM  
SM**IHLP4040DZER1R0M1A**Vishay Dale  
IHLP-4040DZ-1A 1 20% ER E3**IHLP4040DZER3R3M01**Vishay Dale  
FIXED IND 3.3UH 10A 14.4MOHM  
SMD**IHLP4040DZER1R0M5A**Vishay Dale  
FIXED IND 1UH 23.5A 3.07MOHM  
SMD**IHLP4040DZER330M1A**Vishay Dale  
IHLP-4040DZ-1A 33 20% ER E3**IHLP4040DZER2R0M11**Vishay Dale  
FIXED IND 2UH 16A 5.8 MOHM SMD**IHLP4040DZER2R5M01**

N/A

**IHLP4040DZER330M11**Vishay Dale  
FIXED IND 33UH 4.4A 94.5MOHM  
SMD**IHLP4040DZER330M51**Vishay Dale  
FIXED IND 33UH 3.7A 117.7MOHM  
SM**IHLP4040DZER1R0M11**Vishay Dale  
FIXED IND 1UH 25A 2.5 MOHM SMD**IHLP4040DZER1R8M1A**

Electro-Films (EFI) / Vishay

**IHLP4040DZER2R2M01**Vishay Dale  
FIXED IND 2.2UH 12A 9 MOHM SMD**IHLP4040DZER1RR0M11**

Electro-Films (EFI) / Vishay

**IHLP4040DZER220M11**Vishay Dale  
FIXED IND 22UH 5A 66 MOHM SMD**IHLP4040DZER220M5A**Vishay Dale  
FIXED IND 22UH 4.1A 75.44MOHM  
SM

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

**Common Countries Logistic Time Reference**

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

**DHL & FedEx Shipment Charges Reference**

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

### Certifications & Memberships



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