

Excellent Integrated System Limited

Stocking Distributor

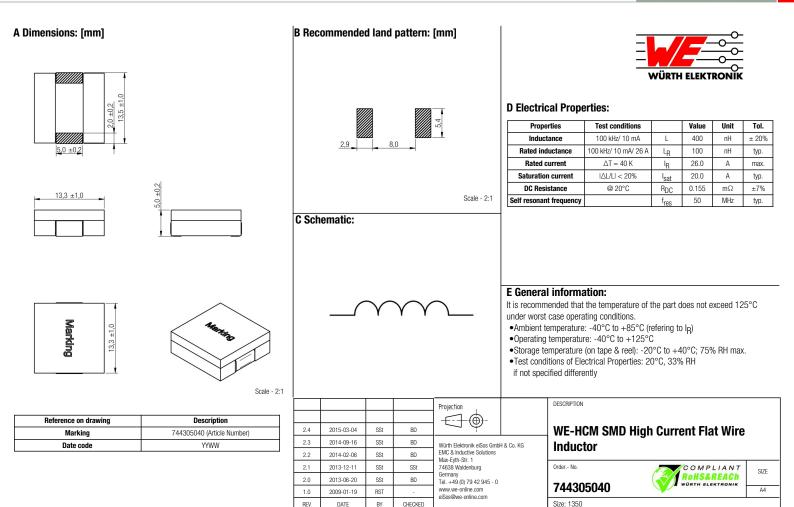
Click to view price, real time Inventory, Delivery & Lifecycle Information:

Wurth Electronics Inc 744305040

For any questions, you can email us directly: <u>sales@integrated-circuit.com</u>



more than you expect



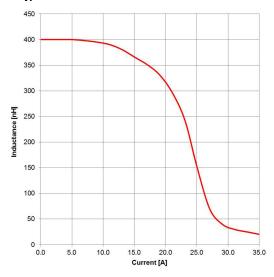
This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in electrical circuits that equivalent in the state of the product is reasonably equeted to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such usage before the design-in state. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.

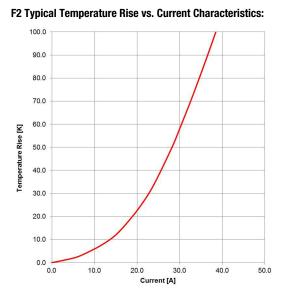


more than you expect



F1 Typical Inductance vs. Current Characteristics:





DESCRIPTION Projection -2.4 2015-03-04 SSt BD **WE-HCM SMD High Current Flat Wire** Würth Elektronik elSos GmbH & Co. KG EMC & Inductive Solutions Max-EyIn-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 www.we-online.com elSos@we-online.com 2014-09-16 SSt 2.3 BD Inductor 2.2 SSt 2014-02-06 BD Order. - No. COMPLIANT ROHS&REACH WORTH ELEKTRONIK 2.1 2013-12-11 SSt SSt SIZE 2.0 SSt BD 2013-06-20 744305040 Δ4 2009-01-19 RST 1.0 Size: 1350 REV DATE BY CHECKED

This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use. Moreover Winth Elektronic & Scs Enrol 4 & Co KG products are nether designed nor intended for use in areas such as miltary, aerospace, aviation, nuclear control, shancerine, tarasportation signal, disaster prevention, medical, public information network etc... Winth Elektronic & Scs Enrol 4 & Co KG must be informed about the intent of such usage before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performance.



SIZE

G Packaging Specification - Tape and Reel [mm]: \sim P0 D0 P2 + А top cover - 22 トキョ $F = \neg$ F = 7 tape W3 B | -∯- || -⇔ ŝ -÷ 8 1 ╘╧╝ 느 _ ੫ W** close to center T1 T2 Ŧ A0 A -P1 ۲Þ B ÷ VPE/ E2 A0 P1 т т1 Т2 D0 E1 F P0 P2 Таре **B**0 w packaging unit +0,3 +0,1 ± 0,1 ± 0,1 ± 0,1 ± 0,05 ± 0,1 ± 0,05 max. typ. min. tolerance typ. typ. 7050 7070 1050 1070 1052 1190 1240 В 1000 500 1000 500 700 300 700 W2 size Item B C D N W1 W2 W3 W3 tolerarchic \$2,0 min. ± 0,8 min. ± 1,5 max. min. max. min. max. Tape width 16mm 330.00 1,50 13,00 20,20 100,00 164.00 22,40 15,50 19,40 Tape width 16mm 33,000 1,50 13,00 20,20 100,00 24,40 30,40 23,40 27,40 1350 500 500 С detail C Feeding direction End Star Cover tape \<u>@-@-@-@-@-@-</u>@-Тор Тар Ē ļ Chip Cavity J ļ 0 0 L L Sprocket Hole NO COMPONENT min. 160 mm COMPONENTS NO COMPONENT COVER TAPE min. 400 mm Embossmen Packaging is referred to the international standard IEC 60286 -3:2007 DESCRIPTION Projection =165° - 185° 2.4 2015-03-04 SSt BD **WE-HCM SMD High Current Flat Wire** Würth Elektronik elSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) 79 42 945 - 0 2.3 2014-09-16 SSt BD Inductor SSt 2.2 2014-02-06 BD Т 1 - 1 Order - No COMPLIANT ROHS&REACH WORTH ELEKTRONIK 2.1 2013-12-11 SSt SSt Pull-of force SSt 2.0 2013-06-20 BD Tape width 16 mm 0,1 N - 1,3 N 24 mm 0,1 N - 1,3 N 744305040 www.we-online.com eiSos@we-online.com RST 1.0 2009-01-19 RFV DATE BY CHECKED Size: 1350

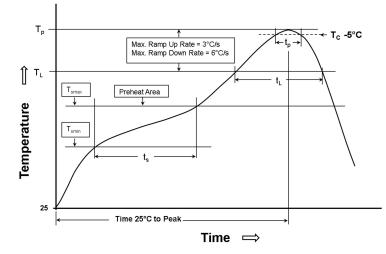
This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause severe personal injury or death, unlies the parties have executed an agreement specifically governing such use. Moreover Will Elektronik eSiss Enrich 4 Co KG products are neither designed not intended for use in access, aviation, inclusion faster and/or safetic field intended for use in access, aviation, inclusion faster and/or safetic field intended for use in equipment of the reterior of such usage before the design-in faster, in addition, addition effective field intended for use in the destroit discus, the reterior of safet access are reterior and eveloped to cause severe personal injury or death, unlies the parties have executed an agreement specifically governing such usage before the design-in faster, in addition, addition effective field in the reterior of safet and the reterior of safet access are reterior and eveloped to cause and the reterior of safet access are reterior of the reterior of safet access are reterior and the reterior of safet access are reterior of access are reterior of access are reterior on access are reterior of access a



H Soldering Specifications:



H1: Classification Reflow Profile for SMT components:



H2: Classification Reflow Profiles

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refer to IPC/JEDEC J-STD-020D

H3: Package Classification Reflow Temperature

	Package Thickness	Volume mm ³ <350	Volume mm ³ 350 - 2000	Volume mm ³ >2000
PB-Free Assembly	< 1.6 mm	260°C	260°C	260°C
PB-Free Assembly	1.6 - 2.5 mm	260°C	250°C	245°C
PB-Free Assembly	≥ 2.5 mm	250°C	245°C	245°C

refer to IPC/JEDEC J-STD-020D

				Projection		DESCRIPTION		
2.4	2015-03-04	SSt	BD			WE-HCM SMD H	igh Current Flat Wire	
2.3	2014-09-16	SSt	BD	Würth Elektronik elSos GmbH & Co. KG EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tel. +49 (0) (79 42 945 - 0		Inductor	.j	
2.2	2014-02-06	SSt	BD			muuctor		
2.1	2013-12-11	SSt	SSt			Order No.	COMPLIANT	SIZE
2.0	2013-06-20	SSt	BD			744005040	ROHS&REACH	ULL
1.0	2009-01-19	RST	-	www.we-online.com eiSos@we-online.com		744305040		A4
REV	DATE	BY	CHECKED	GOOSSING ONING.COM		Size: 1350		

This electronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause sevene personal injury or dash, unless the parties have executed an agreement specifically governing such use. Moreover Wilm Existronik eSos GmbH & Co XG products a not authorized for use in executed an agreement specifically governing such usage before the disport stage. It disports a notified to addition afficient effective or the stage of the product is reasonably expected to cause sevene personal injury or dash, unless the parties have executed an agreement specifically governing such usage in design of the stage. It disports a notified to addition afficient effective or the stage in disport and the reasonably expected to cause sevene personal injury or dash, unless the parties have executed an agreement specifically governing such usage is defined to a stage in the stage in display to a stage. The display stage is defined to a stage in the reasonable expectation is agreed and developed for usage in general electronic causes enter the reasonable expectation is defined. The display stage is defined to a stage in the reasonable expectation is agreed and the reasonable expectation expected which is used in electrical causes being on the reasonable expected to a stage enter and the reasonable expectation expected which is used in electrical causes being on the reasonable expected to a stage enter a stage in the reasonable expectation or expected which is used in electrical causes being on the reasonable expected to a stage enter and the reasonable expected to expected to a stage enter and the

I Cautions and Warnings:

The following conditions apply to all goods within the product series of WE-HCM of Würth Elektronik eiSos GmbH & Co. KG:

General:

All recommendations according to the general technical specifications of the data sheet have to be complied with.

The usage and operation of the product within ambient conditions, which probably alloy or harm the wire isolation, has to be avoided.

If the product is potted in customer applications, the potting material might shrink during and after hardening. The product is exposed to the pressure of the potting material with the effect that the core, wire and termination is possibly damaged by this pressure and so the electrical as well as the mechanical characteristics are endangered to be affected. After the potting material is cured, the core, wire and termination of the product have to be checked if any reduced electrical or mechanical functions or destructions have occurred.

The responsibility for the applicability of customer specific products and use in a particular customer design is always within the authority of the customer. All technical specifications for standard products do also apply to customer specific products.

Cleaning agents that are used to clean the customer application might damage or change the characteristics of the component, body, pins or termination

Direct mechanical impact to the product shall be prevented as the core material could flake or in the worst case it could break.

Product specific:

Follow all instructions mentioned in the data sheet, especially:

• The soldering profile has to be complied with according to the technical reflow soldering specification, otherwise this will void the warranty.

• All products shall be used before the end of the period of 12 months based on the product date code, if not a 100% solderability can't be ensured.

 Violation of the technical product specifications such as exceeding the nominal rated current will voie the warranty. •Due to heavy weight of the components of size 2212, strong forces and high accelerations might have the effect to damage the electrical connection or to harm the circuit board and will void the warranty.

The general and product specific cautions comply with the state of the scientific and technical knowledge and are believed to be accurate and reliable; however, no responsibility is assumed for inaccuracies or incompleteness.

				Projection ,		DESCRIPTION		
2.4	2015-03-04	SSt	BD			WE-HCM SMD High Current Flat Wire		
2.3	2014-09-16	SSt	BD	Würth Elektronik eiSos GmbH	H & Co. KG	Inductor		
2.2	2014-02-06	SSt	BD	EMC & Inductive Solutions Max-Eyth-Str. 1 74638 Waldenburg Germany Tell. +49 (0) 79 42 945 - 0 www.we-online.com elSos@we-online.com				
2.1	2013-12-11	SSt	SSt			Order No.		
2.0	2013-06-20	SSt	BD			Rohs&Reach		
1.0	2009-01-19	RST	-			744305040 WORTH ELEKTRONIK A4		
REV	DATE	BY	CHECKED			Size: 1350		

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J Important Notes:

The following conditions apply to all goods within the product range of Würth Elektronik eiSos GmbH & Co. KG:

1. General Customer Responsibility

Some goods within the product range of Würth Elektronik eiSos GmbH & Co. KG contain statements regarding general suitability for certain application areas. These statements about suitability are based on our knowledge and experience of typical requirements concerning the areas, serve as general guidance and cannot be estimated as binding statements about the suitability for a customer application. The responsibi-lity for the applicability and use in a particular customer design is always solely within the authority of the customer. Due to this fact it is up to the customer to evaluate, where appropriate to investigate and decide whether the device with the specific product characteristics described in the product specification is valid and suitable for the respective customer application or not.

2. Customer Responsibility related to Specific, in particular Safety-Relevant Applications It has to be clearly pointed out that the possibility of a malfunction of electronic components or failure before the end of the usual lifetime cannot be completely eliminated in the current state of the art, even if the products are operated within the range of the specifications

In certain customer applications requiring a very high level of safety and especially in customer applications in which the malfunction or failure of an electronic component could endanger thrman life or health it must be ensured by most advanced technological aid of suitable design of the customer application that no injury or damage is caused to third parties in the event of malfunction or failure of an electronic component.

Therefore, customer is cautioned to verify that data sheets are current before placing orders. The current data sheets can be downloaded at www.we-online.com.

3. Best Care and Attention

Any product-specific notes, cautions and warnings must be strictly observed. Any disregard will result in the loss of warranty.

4. Customer Support for Product Specifications

Some products within the product range may contain substances which are subject to restrictions in certain jurisdictions in order to serve specific technical requirements. Necessary information is available on request. In this case the field sales engineer or the internal sales person in charge should be contacted who will be happy to support in this matter

5. Product R&D

Due to constant product improvement product specifications may change from time to time. As a standard reporting procedure of the Product Change Notification (PCN) according to the JEDEC-Standard inform about minor and major changes. In case of further queries regarding the PCN, the field sales engineer or the internal sales person in charge should be contacted. The basic responsibility of the customer as per Section 1 and 2 remains unaffected

6. Product Life Cycle

Due to technical progress and economical evaluation we also reserve the right to discontinue production and delivery of products. As a stan-dard reporting procedure of the Product Termination Notification (PTN) according to the JEDEC-Standard we will inform at an early stage about inevitable product discontinuance. According to this we cannot guarantee that all products within our product range will always be available. Therefore it needs to be verified with the field sales engineer or the internal sales person in charge about the current product availability expectancy before or when the product for application design-in disposal is considered.

The approach named above does not apply in the case of individual agreements deviating from the foregoing for customer-specific products.

7. Property Rights All the rights for contractual products produced by Würth Elektronik eiSos GmbH & Co. KG on the basis of ideas, development contracts as well as models or templates that are subject to copyright, patent or commercial protection supplied to the customer will remain with Würth Elektronik eiSos GmbH & Co. KG.

Würth Elektronik eiSos GmbH & Co. KG does not warrant or represent that any license, either expressed or implied, is granted under any patent right, copyright, mask work right, or other intellectual property right relating to any combination, application, or process in which Würth Elektronik eiSos GmbH & Co. KG components or services are used.

8. General Terms and Conditions

Unless otherwise agreed in individual contracts, all orders are subject to the current version of the "General Terms and Conditions of Würth Elektronik eiSos Group", last version available at www.we-online.com.

				Projection		DESCRIPTION		
2.4	2015-03-04	SSt	BD				ligh Current Elet Wire	
2.4	2013-03-04	SSt	BD	Wirth Elektronik elSos GmbH & Co. KG EMC & Inductive Solutions Mac-Eyth-Str. 1 74638 Waldenburg Germany Tet. +49 (0) 79 42 945 - 0 www.we-online.com elSos@we-online.com			ligh Current Flat Wire	
2.2	2014-02-06	SSt	BD			Inductor		
2.1	2013-12-11	SSt	SSt			Order No.	COMPLIANT	SIZE
2.0	2013-06-20	SSt	BD			744005040	ROHS&REACH	UNEL
1.0	2009-01-19	RST	-			744305040		A4
REV	DATE	BY	CHECKED			Size: 1350		

Her safety standard and reliability standard is especially required or where a failure of the product is reasonably expected to cause severe personal injury or death, unless the parties have executed an agreement specifically governing such use, transportation (automotive control, train control, stan portation signal, disaster prevention, medical, public information network etc... Wurth Elektronik eSos GmbH & Co KG must be informed about the internit of such usage before in pills safety and reliability functions or performance. actronic component has been designed and developed for usage in general electronic equipment only. This product is not authorized for use in equipment where a higher si er Wühn Bederonik elsce Gmith & Co KS products are neither designed nor intended for use in areas such as military, aerospace, avladion, nouelear control, submarine, tra-gin-st aspe, in addition, sufficient reliable, venautato checke for stady must be performed no every electronic component which is used in electrical circuits that require

