



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# PRODUCT SPECIFICATION

Attn: \_\_\_\_\_

SPEC. No: \_\_\_\_\_

DATE: Dec.17.2012

CUSTOMER PRODUCT NAME:
TDK PRODUCT NAME: <b>WR-483250-15M2-G</b>
APPROVED BY:
CUSTOMER COMMENT:
<b>REMARK:</b> Please sign back specification after customer conformation until 2weeks. If customer can't sign back specification, customer should be approved TDK specification.

## TDK-EPC Corporation

### Head Office Address:

1-13-1, Nihonbashi, Chuo-ku, Tokyo  
103-0027, Japan

### SALES

MANAGER	SALES

### ENGINEERING

APPROVED	CHECKED	ISSUED

Sales Office \_\_\_\_\_

Sales Tel. \_\_\_\_\_

PRODUCT	
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# REVISED HISTORY

CUSTOMER PRODUCT NAME: \_\_\_\_\_

TDK PRODUCT NAME: **WR-483250-15M2-G** \_\_\_\_\_

NO.	REV.	REVISED CONTENT	REVISED REASON	DATE
1	0	To establish specification		2012.12.17

# PRODUCT SPECIFICATION

TDK PRODUCT NAME:

**WR-483250-15M2-G**

SPEC. NO.

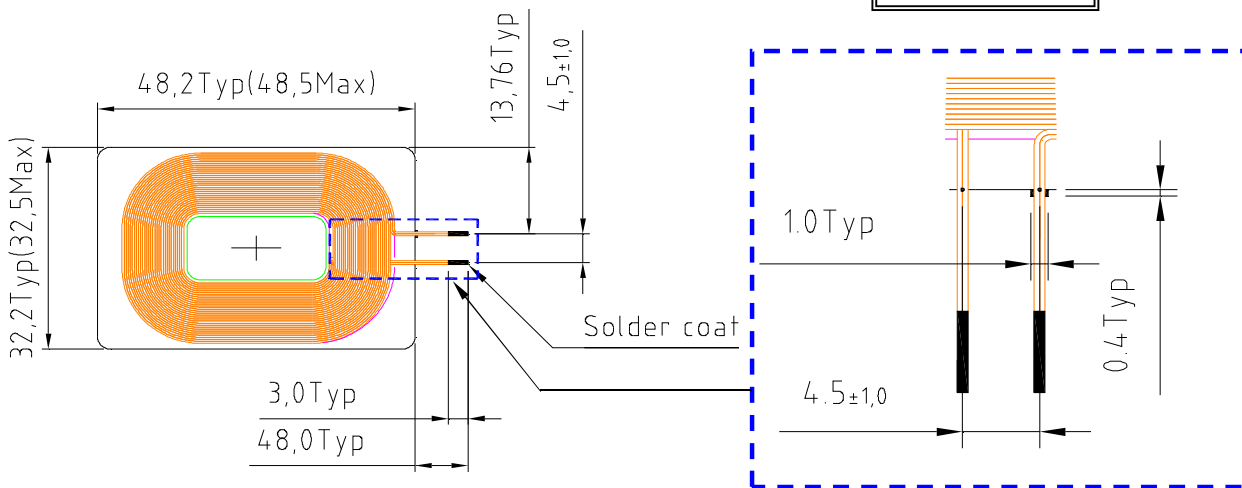
CUSTOMER PRODUCT NAME:

(1) Appearance & Dimensions (Unit: mm)

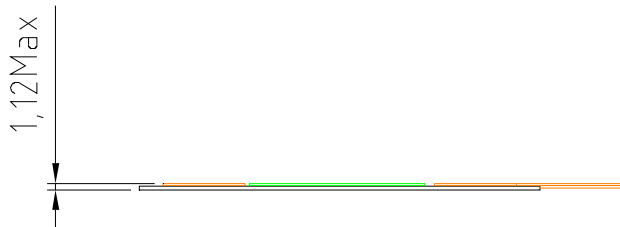
Weight: 6.30g (Typ.)

TOP VIEW

Lead wire pitch  
/PET position  
(Promised position)



SIDE VIEW



[ Remarks ]

1. Lead Wire Pitch is the end of wire position, not Output terminal.

2. Marking Content:

a. T: Manufacturing Centers

b. Lot No.: □□ ○○ △△

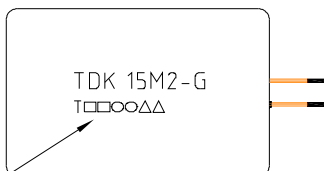
(1) (2) (3)

(1) Year: A.D. end number in double

(2) Month: Jan.(01) , Feb.(02)...Dec.(12)

(3) Day: 01,02,03,...31.

LOT NO.



# PRODUCT SPECIFICATION

TDK PRODUCT NAME:

**WR-483250-15M2-G**

SPEC. NO.

CUSTOMER PRODUCT NAME:

## (2) Air coil specification

Wire Diameter:  $\phi 0.30 \times 2$  ( Bifilar Winding Coil)

Coil Turns: 15Ts

## (3) Electrical Characteristics

No.	Parameter	Specification	Test Instrument
1	Inductance	10.5 $\mu\text{H} \pm 5\%$	HP 4284A DIGITAL LCR METER or EQUIVALENT (@100kHz 1.0 Vrms)
2	DC Resistance	0.20 $\Omega$ Max (At 25°C)	CHEN HWA 502A OHM METER or EQUIVALENT

## (4) Temperature Characteristics

No.	Parameter	Specification
1	Operating Temperature	-30~70°C
2	Storage Temperature	-40~85°C

## (5) Application

1. Reflow and dip-flow soldering can not used for this product.
2. The product fit in with RoHS rule.
3. The product fit in with Halogen-Free.

# PRODUCT SPECIFICATION

TDK PRODUCT NAME: <b>WR-483250-15M2-G</b>	SPEC. NO.	CUSTOMER PRODUCT NAME:
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## (6) Reliability Conditions

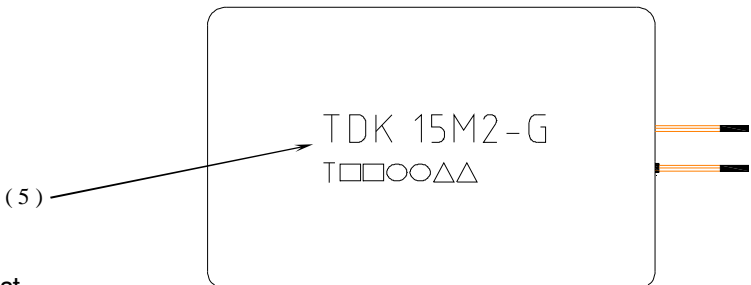
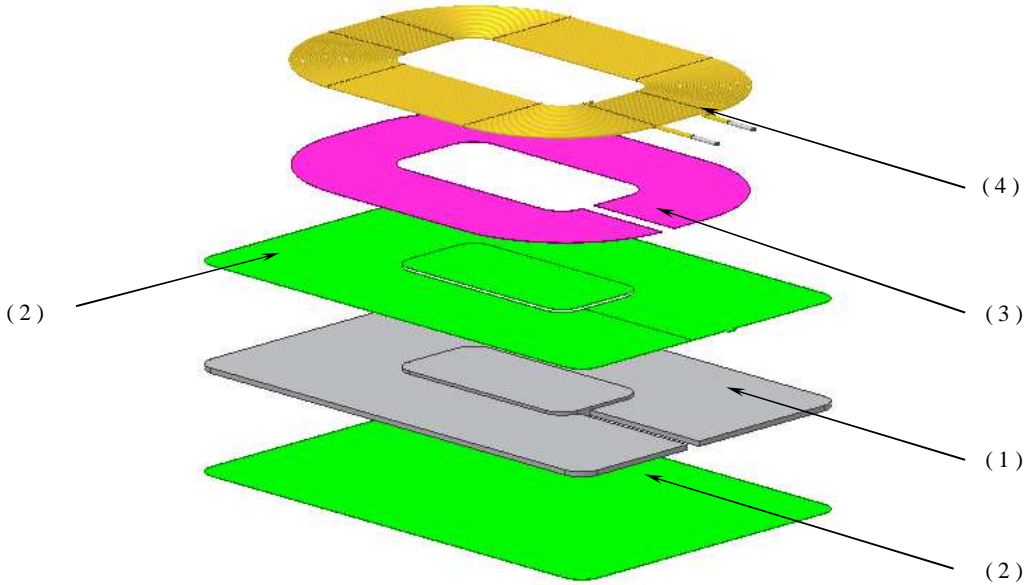
No.	Parameter	Conditions
1	Low Temperature (Storage)	(1) Temperature : $-40\pm 2^{\circ}\text{C}$ (2) Time : 240Hrs
2	High Temperature (Storage)	(1) Temperature : $+85\pm 2^{\circ}\text{C}$ (2) Time : 240Hrs
3	Thermal Shock (Storage)	(1) Temperature : $-40\pm 5^{\circ}\text{C}$ / 30min ~ $+85\pm 5^{\circ}\text{C}$ / 30min (2) Ambient Time : 5min (3) Times : 100cycles
4	Vibration	Unpacked: (1) frequency: 10~500Hz sweep octave wave(1 oct/ min) (2) Amplitude: 10G or 1.5mm P-P (3) Testing time : XYZ 2h/axis, total 6h
5	Shock Test	Fixed within the jig (1) Acceleration : $1000\text{m} / \text{s}^2$ (2) Pulse width : 6 msec (3) Direction : $\pm X$ , $\pm Y$ , $\pm Z$ (4) Frequency of shock : 3 times each (Total 18 times)  Half-sine shock (1) 200G, 3ms(Gravity) (2) One shock per face (3) Total 6 shocks
6	Temperature / Humidity (Storage)	(1) Temperature : $+60\pm 2^{\circ}\text{C}$ (2) Humidity: 90% RH. (3) Time: 240Hrs
7	Drop Test	(1) Height : 160cm to the concrete floor (fixture weight : 100g(REF) ) (2) Direction : 6 directions (3) Times : 3 times / direction
8	Package Drop	(1) Drop the sample package in a carton box. (2) Height : 100 cm (3) Direction : 1corner, 3 edges, 6 faces (4) Drop time : 16 times



# PRODUCT SPECIFICATION

TDK PRODUCT NAME: <b>WR-483250-15M2-G</b>	SPEC. NO.	CUSTOMER PRODUCT NAME:
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(7) Construction



(8) Material List

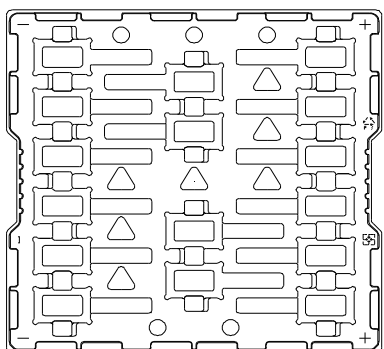
No.	Material Name
1	Iron Sheet
2	PET Tape
3	Adhesive Tape
4	Air Coil
5	Ink

# PRODUCT SPECIFICATION

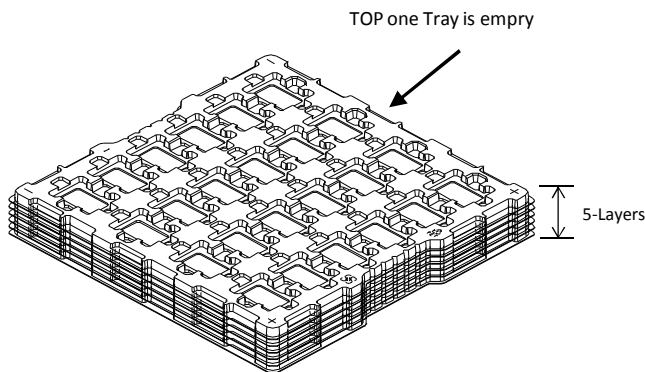
TDK PRODUCT NAME: <b>WR-483250-15M2-G</b>	SPEC. NO.	CUSTOMER PRODUCT NAME:
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**(9) Packing**

- To stack the the Trays onto 5 Layers. :
  - PS tray dimension: 326\*329\*9.5mm (REF.)
  - 16 Pcs / per PS tray



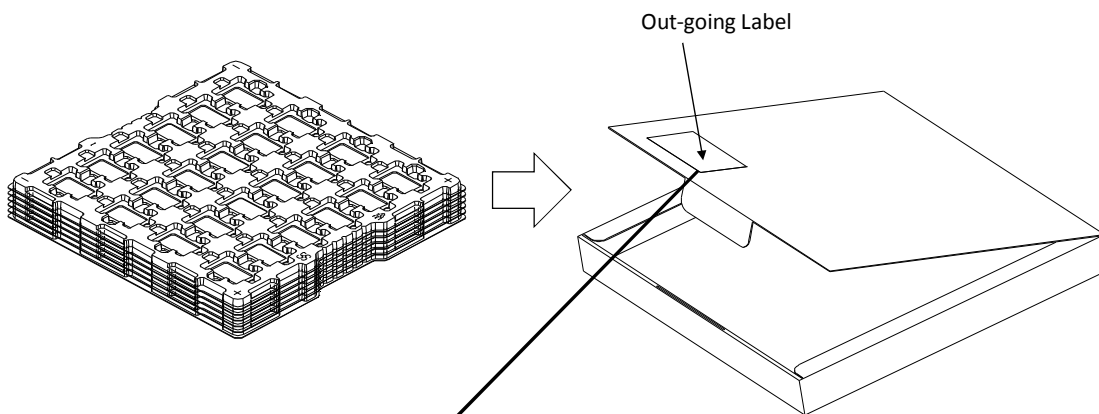
Total : 6x2+4=16pcs



Total : 16x4=64pcs

- To put 5 Trays of products into the small Carton and affixing the out-going label on the outside .

- Small carton dimension: 331\*337\*33mm (REF.)
- 5 PS Trays / per small carton ( One PS tray of the top side is empty in the small carton)



<b>CUST PROD ID(P): WR-383250-17M2-XX</b>		Customer
[Barcode]		ROHS
<b>QTY(Q): 120</b>	<b>(6P):TXDF10108TWN050009010</b>	
[Barcode]	[Barcode]	
<b>TDK ITEM(1P): R-383250-17M2-XX</b>	<b>VDR(V):TDK</b>	
[Barcode]	[Barcode]	
<b>LOT NO(1T): WL11K06001+M0001</b>	<b>DATE CODE(T): 1143</b>	0001
[Barcode]	[Barcode]	001/014
2011/10/09	MADE IN TAIWAN	12296A1181
[Barcode]	<b>TDK</b> (S)	
<b>(ITEM:WR-383250-17M2-XX)</b>	<b>(1M)TTXDF10108</b>	<b>TDK TAIWAN CORPORATION</b>

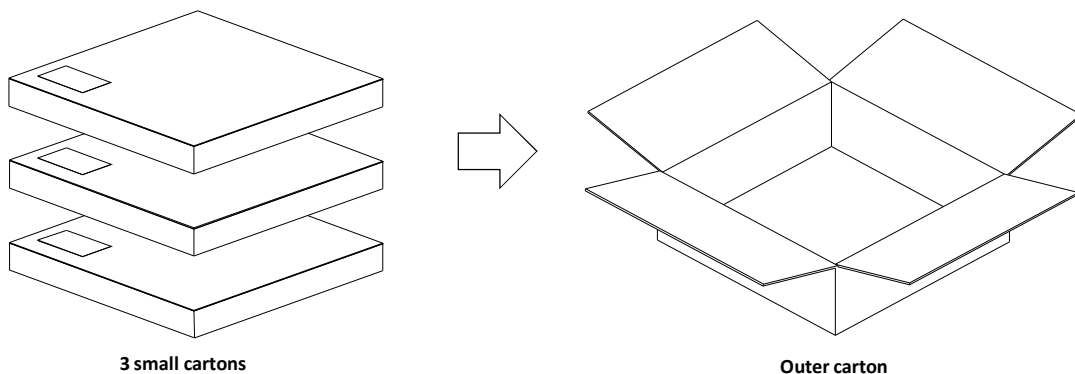
Out-going Label



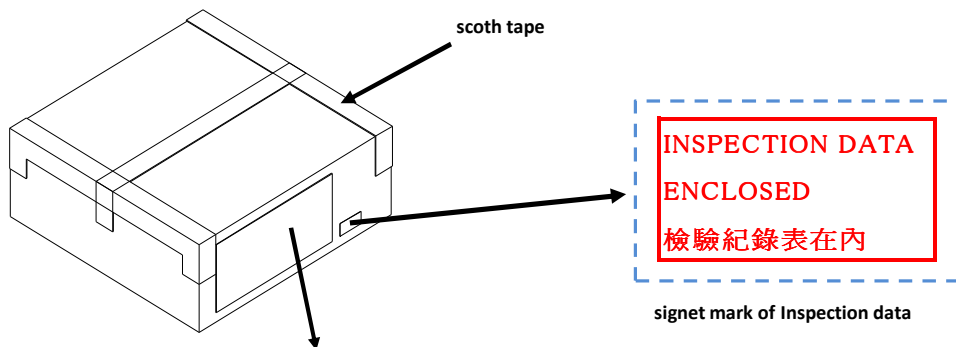
# PRODUCT SPECIFICATION

TDK PRODUCT NAME: <b>WR-483250-15M2-G</b>	SPEC. NO.	CUSTOMER PRODUCT NAME:
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3. To put 3 small carton into the Carton .
- Outer carton dimension: 347\*340\*124mm (REF.)
  - 3 small cartons / per outer carton
  - Total quantity : 192 Pcs



4. Packing.
- To pack the carton by scotch tape and affix out-going label (outside) on it outside.
  - The Inspection data in the box , there would be a signet mark on it outside.



(3S) TTW+WL11K0600200101400000360		CUSTOMER: Customer	
		CUST. PART NO(P): 12A34567-89A	
(6S) C/NO:1	BOX COUNT		
	001/009	TDK ITEM CODE(6P): TXDF10105TWN	
SHIPPING MARK		P/O NO.(K): TSHV-S001016344	
ROHS			
<p><b>SAMPLE</b></p> <p>Customer</p> <p>SHANGHAI</p> <p>MADE IN TAIWAN</p> <p>WLXXXXXXXXX</p> <p>12345A6789</p>		LOT NO.(IT): WL12345678	DATE: Oct.07.2011
		QTY(Q): 288	
		TDK ITEM (1P): WR-483250-15M2-S-XX	
		(WR-483250-15M2-XX)	
SUB P/O NO.(6K): 4500059424			
TDK SPEC.			
C/NO:1	WAREHOUSE	(CT)	9
NW 3.6	GW 4.0	TDK TAIWAN CORPORATION	YANGMEI, TAIWAN
		TTXDF10105	

out-going label (outside)