

**TDK Corporation**  
 MAGNETICS BD  
 GM  
 Toshihiro Kuroshima

**Comon-mode filter Product Discontinuation Notice**

First of all, we would like to thank you very much for your continuous cooperation with TDK and our products. This letter informs your company that TDK is planning to discontinue and stop production of the certain products we have been currently shipping to you.

Due to product profitability or products elimination and unification, we had to decide to discontinue manufacturing the products listed below.

This list not only shows cross-reference between your part number and our part number for each of end-of-life products, but also exhibits TDK part numbers of recommended alternative products wherever available.

We deeply regret to inform you of this discontinuation. However, because of above reason, please let us ask you for considering replacement with TDK's alternative product wherever possible. If there is no TDK's alternative product available, then we have to ask you to kindly look into other sources in the market.

Description

Your product name	Our product name	Our substitute
ACM1513-551-2PL	ACM1513-551-2PL-TL	ACM1513-551-2PL-TLHF
ACM1513-551-2PL-T	ACM1513-551-2PL-TL	ACM1513-551-2PL-TLHF
ACM1513-551-2PL-TL	ACM1513-551-2PL-TL	ACM1513-551-2PL-TLHF
ZJY51R5-8PA-01	ZJY51R5-8PA-01	ACP3225-102-2P-TL000

Products Effected: Please refer to product name list.

- 1. Pls issue final order until below date.  
 \* Last Buy PO receive date : **December 25, 2015**
- 2. The end-products delivery date : **June 30, 2016** .

After receiving this letter, please send the acknowledgement to TDK local salesperson who is currently serving you. We apologize for any inconveniences raised by this discontinuation of products, but do hope we will have your kind understanding and your cooperation soon. Sincerely yours,

Accept	<div style="margin-bottom: 10px;"> <u>Company</u> _____                 </div> <div style="margin-bottom: 10px;"> <u>Department</u> _____                 </div> <div style="margin-bottom: 10px;"> <u>Name</u> _____                 </div>
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**TDK Common-mode filters**

MAGNETICS BUSINESS GROUP  
TDK-EPC CORPORATION

Item	Current item	Replaceable item	Changes																																								
Product name	TDK-EPC Common-mode filter ACM1513-551-2PL-TL	TDK-EPC Common-mode filter ACM1513-551-2PL-TLHF	Product name																																								
Product Spec	Rated current	Rated voltage	DC resistance	Operating temperature range(deg.C)	Rated current	Rated voltage	DC resistance	Operating temperature range(deg.C)	No Change																																		
	DC(A)max.	DC(V)max.	(mΩ)max.		DC(A)max.	DC(V)max.	(mΩ)max.																																				
	10	80	4	-25 to 85	10	80	4	-25 to 85																																			
Product structure			Material																																								
Shapes and dimensions	<p style="text-align: center;">unit : mm</p> <table border="1"> <tr> <td>L</td> <td>W</td> <td>T</td> <td colspan="2"></td> </tr> <tr> <td>15.4±0.4</td> <td>13.4±0.4</td> <td>6.0max.</td> <td colspan="2"></td> </tr> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> </tr> <tr> <td>2.7±0.2</td> <td>3.8±0.2</td> <td>2.3±0.2</td> <td>10.4 typ.</td> <td>3.8</td> </tr> </table>	L	W	T			15.4±0.4	13.4±0.4	6.0max.			A	B	C	D	E	2.7±0.2	3.8±0.2	2.3±0.2	10.4 typ.	3.8	<p style="text-align: center;">unit : mm</p> <table border="1"> <tr> <td>L</td> <td>W</td> <td>T</td> <td colspan="2"></td> </tr> <tr> <td>15.4±0.4</td> <td>13.4±0.4</td> <td>6.0max.</td> <td colspan="2"></td> </tr> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> <td>E</td> </tr> <tr> <td>2.7±0.2</td> <td>3.8±0.2</td> <td>2.3±0.2</td> <td>10.4 typ.</td> <td>3.8</td> </tr> </table>	L	W	T			15.4±0.4	13.4±0.4	6.0max.			A	B	C	D	E	2.7±0.2	3.8±0.2	2.3±0.2	10.4 typ.	3.8	No Change
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Recommended footprint	<p style="text-align: center;">unit : mm</p> <table border="1"> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> </tr> <tr> <td>17.0</td> <td>10.4</td> <td>2.7</td> <td>6.5</td> </tr> </table>	A	B	C	D	17.0	10.4	2.7	6.5	<p style="text-align: center;">unit : mm</p> <table border="1"> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> </tr> <tr> <td>17.0</td> <td>10.4</td> <td>2.7</td> <td>6.5</td> </tr> </table>	A	B	C	D	17.0	10.4	2.7	6.5	No Change																								
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Frequency vs. Impedance characteristics (reference)			No Change																																								

**Common Mode Filters Substitution Table**

WIRE WOUND EMC BUSINESS UNIT  
MAGNETICS BUSINESS GROUP  
TDK-EPC CORPORATION

	Status product	Changes	Substitute product	Changes
Product name	TDK Common-mode filter ZJY51R5-8PA-01	Product name change	TDK Common-mode filter ACP3225-102-2P-T000	Product name change
Product spec	Rated voltage :DC50V max. Rated current :DC0.5A max. Rdc :0.07 Ω typ. Insulation resistance :100M ohm min. Common-mode Impedance :200ohm min. at 20 to 300MHz Operating temperature range :-25 to +85 deg.C	Rated current , Rdc and Withstanding voltage are changed	Rated voltage :DC60V max. Rated current :DC1.5A max. Rdc :0.10 Ω max. Insulation resistance :10M ohm min. Common-mode Impedance :750ohm min. at 100MHz Operating temperature range :-40 to +85 deg.C	All spec are changed
Shapes and dimension		Shapes and dimension is changed		Shapes and dimension is changed
Electrical characteristics			The frequency response is changed.	
Solder flow recommendation profile				
Solder reflow recommendation profile				
Foot print				