

## ACH32C-222-T001

### 3-terminal Filters

Category : **EMC Components**

Sub Category : **3-Terminal Filters (LCR Filters)**

TDK Series Name : **ACH Series**

Application :

**Home electronic equipment, (TVs, VCRs, CD players, electric musical instruments, PCs, etc.), OA equipment (computers, terminals, fax machines, etc.), FA equipment (robots, process controllers, etc.), automotive electronics (car navigation, etc.)**

Function : **They provide highly effective EMC suppression.**

Description :

**The ACH series are T-type EMC filters comprise ferrite beads and chip capacitors and are engineered to handle high current levels.**

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Property Name	Property Description
Product Lifecycle Stage	<b>Production</b>
Surface Mount	<b>Yes</b>
Number of Element	Nom <b>1</b>
Body Length (L)	Nom <b>3.2</b> mm
Body Breadth (W)	Nom <b>1.6</b> mm
Body Height (T)	Nom <b>2.1</b> mm
Rated Capacitance	Nom <i>No Data Available.</i>
Rated Voltage	Max <b>50</b> V
Rated Current	Max <b>6</b> A
R <sub>ins</sub>	Min <b>100</b> MOhm
DC Resistance	Max <b>0.002</b> Ohm
Attenuation	Min <b>25</b> dB
Frequency Range of Attenuation	Min <b>55</b> MHz Max <b>300</b> MHz
Category Temperature Range	Min <b>-40</b> Cel Max <b>125</b> Cel
Storage Temperature Range	Min <b>-40</b> Cel Max <b>125</b> Cel
Country of Origin	<b>JPN</b>
Sales Region	<b>WR</b>
Packing	<b>Blister (Plastic)Taping [180mm Reel]</b>
Minimum Package Qty	Nom <b>2000</b> Pcs
Minimum Order Qty	Nom <b>2000</b> Pcs
Weight	Nom <b>0.038</b> g
Shape	<b>Chip</b>
Circuit Type	<b>T Type</b>
Lead (Pb) Free	<b>Yes</b>
Part Number Replacement	<i>No Data Available.</i>

Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set forth in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in, or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").