

### HUAAN LIMITED Gas Discharge Tube Competitive Cross Reference\* Guide

#### Surface Mounted 4.5x3.2x2.7mm Size,2KA

HUAAN LIMITED Gas Discharge Tube	Littelfuse Gas Discharge Tube	Bourns Gas Discharge Tube	TDK EPCOS Surge Arrester	Littelfuse Formerly Tyco ,TE
<b>H2R3-75SMD</b>	<b>SG75</b>		<b>S30-A75X</b> <b>B88069X1023T203</b>	<b>GTCC33-750M-R01-2</b>
<b>H2R3-90SMD</b>	<b>SG90</b>	<b>2051-09-SM-RPLF</b>	<b>S30-A90X</b> <b>B88069X9231T203</b>	<b>GTCC33-900M-R01-2</b>
<b>H2R3-150SMD</b>	<b>SG150</b>	<b>2051-15-SM-RPLF</b>	<b>S30-A150X</b> <b>B88069X6071T203</b>	<b>GTCC33-151M-R01-2</b>
<b>H2R3-200SMD</b>	<b>SG200</b>	<b>2051-20-SM-RPLF</b>	<b>S30-A200X</b> <b>B88069X2543T203</b>	<b>GTCC33-201M-R01-2</b>
<b>H2R3-230SMD</b>	<b>SG230</b>	<b>2051-23-SM-RPLF</b>	<b>S30-A230X</b> <b>B88069X5941T203</b>	<b>GTCC33-231M-R01-2</b>
<b>H2R3-350SMD</b>	<b>SG350</b>	<b>2051-35-SM-RPLF</b>	<b>S30-A350X</b> <b>B88069X8361T203</b>	<b>GTCC33-351M-R01-2</b>
<b>H2R3-400SMD</b>	<b>SG400</b>	<b>2051-40-SM-RPLF</b>	<b>S30-A400X</b> <b>B88069X5211T203</b>	<b>GTCC33-401M-R01-2</b>
<b>H2R3-420SMD</b>	<b>SG420</b>	<b>2051-42-SM-RPLF</b>	<b>S30-A420X</b> <b>B88069X9311T203</b>	<b>GTCC33-421M-R01-2</b>
<b>H2R3-470SMD</b>		<b>2051-47-SM-RPLF</b>		
<b>H2R3-600SMD</b>	<b>SG600Q</b>	<b>2051-60-SM-RPLF</b>	<b>S30-A600XS</b> <b>B88069X2673T203</b>	

Please pay attention: HUAAN LIMITED's Part Number is perfect replacement for Littelfuse Bourns,TDK EPCOS Gas Discharge Tube part number,which circuit and design need not to be changed.



### HUAAN LIMITED Gas Discharge Tube Competitive Cross Reference\* Guide

#### Surface Mounted Ø5x4.4mm Size,2.5KA

HUAAN LIMITED Gas Discharge Tube	Littelfuse Gas Discharge Tube	Bourns Gas Discharge Tube	TDK EPCOS Surge Arrester	Littelfuse Formerly Tyco ,TE
<b>H2R5-75SMD</b>	-		<b>ES75XSMD</b> <b>B88069X7841T902</b>	<b>GTCS25-750M-R02</b>
<b>H2R5-90SMD</b>	-	<b>2035-09-SM-RPLF</b>	<b>ES90XSMD</b> <b>B88069X6241T902</b>	<b>GTCS25-900M-R02</b>
<b>H2R5-150SMD</b>	-	<b>2035-158-SM-RPLF</b>	<b>ES150XSMD</b> <b>B88069X6381T902</b>	<b>GTCS25-151M-R02</b>
<b>H2R5-230SMD</b>	-	<b>2035-23-SM-RPLF</b>		<b>GTCS25-231M-R02</b>
<b>H2R5-250SMD</b>	-	<b>2035-25-SM-RPLF</b>		<b>GTCS25-251M-R02</b>
<b>H2R5-300SMD</b>	-	<b>2035-30-SM-RPLF</b>	<b>ES300XSMD</b> <b>B88069X4211T902</b>	<b>GTCS25-301M-R02</b>
<b>H2R5-350SMD</b>	-	<b>2035-35-SM-RPLF</b>	<b>ES350XSMD</b> <b>B88069X4911T902</b>	<b>GTCS25-351M-R02</b>
<b>H2R5-400SMD</b>	-	<b>2035-40-SM-RPLF</b>	<b>ES400XSMD</b> <b>B88069X5591T902</b>	<b>GTCS25-401M-R02</b>
<b>H2R5-420SMD</b>	-	<b>2035-42-SM-RPLF</b>	<b>ES420XSMD</b> <b>B88069X7801T902</b>	<b>GTCS25-421M-R02</b>
<b>H2R5-470SMD</b>	-	<b>2035-47-SM-RPLF</b>	<b>ES470XSMD</b> <b>B88069X9791T902</b>	<b>GTCS25-471M-R02</b>
<b>H2R5-500SMD</b>	-			<b>GTCS25-501M-R02</b>
<b>H2R5-600SMD</b>	-	<b>2035-60-SM-RPLF</b>		<b>GTCS25-601M-R02</b>

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## HUAAN LIMITED Gas Discharge Tube Competitive Cross Reference\* Guide

Surface Mounted Ø5x5mm Size,5KA				
HUAAN LIMITED Gas Discharge Tube	Littelfuse Gas Discharge Tube	Bourns Gas Discharge Tube	TDK EPCOS Surge Arrester	Littelfuse Formerly Tyco ,TE
<b>H2R5-75SMD</b>		-		-
<b>H2R5-90SMD</b>	<b>CG590MS</b> <b>SL0902A090SM</b>	-	<b>M50-C90XSMD</b> <b>B88069X1640T902</b>	-
<b>H2R5-150SMD</b>	<b>CG5150MS</b>	-		-
<b>H2R5-230SMD</b>	<b>CG5230MS</b> <b>SL0902A230SM</b>	-	<b>M50-A230XSMD</b> <b>B88069X5220T902</b>	-
<b>H2R5-250SMD</b>	<b>CG5250MS</b>	-		-
<b>H2R5-350SMD</b>	<b>CG5350MS</b> <b>SL0902A350SM</b>	-	<b>M50-A350XSMD</b> <b>B88069X3770T902</b>	-
<b>H2R5-420SMD</b>	<b>SL0902A420MS</b>	-		-
<b>H2R5-470SMD</b>	<b>CG5470MS</b>	-		-
<b>H2R5-600SMD</b>	<b>CG5600MS</b> <b>SL0902A600SM</b>	-	<b>M50-A600XSMD</b> <b>B88069X3351T902</b>	-

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