


















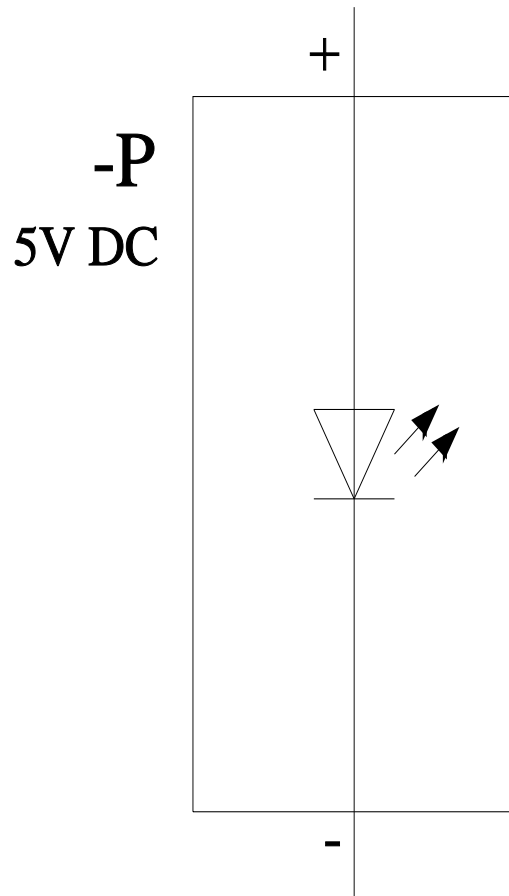
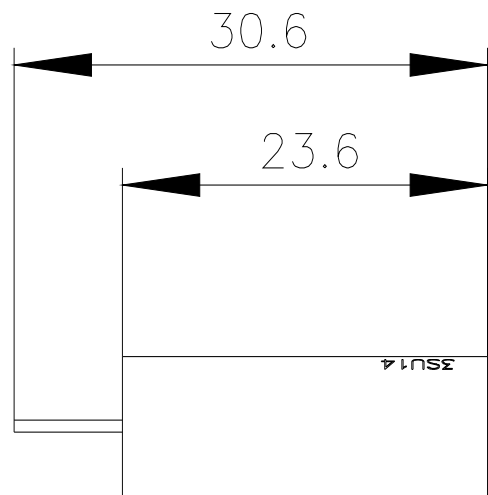
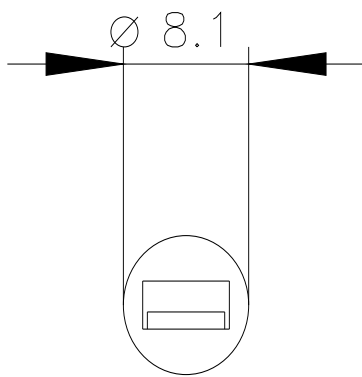




LED module with integrated LED, 5 V DC, blue, solder terminal, for use on printed circuit boards

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	
• diode	Yes
• lamp transformer	No
• light source	Yes
• series resistor	No
insulation voltage rated value	30 V
degree of pollution	3
type of voltage of the operating voltage	DC
• for actuation	DC
surge voltage resistance rated value	0.8 kV
consumed current maximum	20 mA
protection class IP	
• of the enclosure	IP40
• of the terminal	IP20
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
operating period typical	100 000 h
reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
operating voltage 1	
• at DC rated value	5 V
relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage	20 %
Control circuit/ Control	
inrush current maximum	0.1 A
Connections/ Terminals	
type of electrical connection	Socket connection (THT)
Lamp	
type of light source	LED
color of the light source	blue
light intensity	280 ... 710 mcd
certificate of suitability	

<ul style="list-style-type: none"> • ATEX • IECEx 	No				
	No				
Ambient conditions					
ambient temperature					
<ul style="list-style-type: none"> • during operation • during storage 	-25 ... +70 °C -40 ... +80 °C				
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted)				
Installation/ mounting/ dimensions					
fastening method					
<ul style="list-style-type: none"> • of modules and accessories 	Printed circuit board				
height	8.1 mm				
width	8.1 mm				
depth	30.6 mm				
suitability for integration					
<ul style="list-style-type: none"> • plastic enclosure • metal enclosure 	No No				
Certificates/ approvals					
<table> <tr> <th>General Product Approval</th><th>Declaration of Conformity</th></tr> <tr> <td>  Confirmation </td><td>     </td></tr> </table>		General Product Approval	Declaration of Conformity	 Confirmation	   
General Product Approval	Declaration of Conformity				
 Confirmation	   				
Test Certificates					
Special Test Certificate	Type Test Certificates/Test Report				
	   				
other					
Confirmation	Environmental Confirmations				
Further information					
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