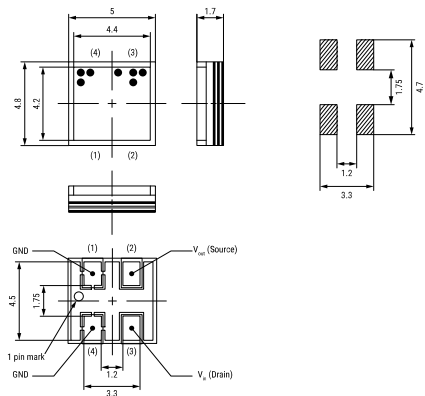


**KEMET Part Number: PL-N823-01**  
(USEYN823010000)

KEMET, PL, Proximity, SMD, Pyroelectric Infrared, Detection Up To 2 Meters



#### Dimensions

<b>L</b>	5mm NOM
<b>W</b>	4.8mm NOM
<b>T</b>	1.7mm NOM

#### Packaging Specifications

<b>Packaging:</b>	T&R
<b>Packaging Quantity:</b>	2000
<b>Weight:</b>	100 mg

#### General Information

<b>Series:</b>	PL
<b>Type:</b>	Proximity
<b>Style:</b>	SMD
<b>Description:</b>	Sensor without Lens
<b>Features:</b>	Detection Up To 2 Meters
<b>RoHS:</b>	Yes
<b>Qualifications:</b>	REACH
<b>MSL:</b>	3

#### Specifications

<b>Temperature Range:</b>	-40/+70C
<b>Voltage DC:</b>	500 mV p-p MIN (Output), 2 - 15 VDC (Supply Voltage), 140 mV p-p MAX (Noise)
<b>Miscellaneous:</b>	Field of View: Horizontal & Vertical +/-60 degrees. 0.3 - 0.9 mV MAX (Source Voltage). Warm Up Time: 30 Sec (MAX)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.