

## S2S5A00F



**Part Number:** [S2S5A00F](#)  
**Manufacturer:** [Socle Technology Corporation](#)  
**Description:** OPTOISOLATOR 3.75KV TRIAC 4MFP  
**Data sheet:** [PDF S2S5 Series](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">S2S5A00F</a>
<b>Manufacturer</b>	<a href="#">Socle Technology Corporation</a>
<b>Description</b>	OPTOISOLATOR 3.75KV TRIAC 4MFP
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	184631 pcs
<b>Product Photo</b>	<a href="#">S2S5A00F-001.jpg</a> , <a href="#">S2S5A00F-002.jpg</a>
<b>Category</b>	<a href="#">Isolators</a>
<b>Zero Crossing Circuit</b>	No
<b>Voltage - Off State</b>	600V
<b>Voltage - Isolation</b>	3750Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	1.2V
<b>Turn On Time</b>	100µs (Max)
<b>Supplier Device Package</b>	4-MFP
<b>Static dV/dt (Min)</b>	500V/µs
<b>Series</b>	-
<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	4-SMD, Gull Wing
<b>Output Type</b>	Triac
<b>Other Names</b>	1855-1044-2 425-2425-2 425-2425-2-ND
<b>Operating Temperature</b>	-30°C ~ 100°C
<b>Number of Channels</b>	1
<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	Optoisolator Triac Output 3750Vrms 1 Channel 4-MFP
<b>Current - On State (I<sub>t</sub> (RMS)) (Max)</b>	50mA
<b>Current - LED Trigger (I<sub>t</sub>) (Max)</b>	10mA
<b>Current - Hold (I<sub>h</sub>)</b>	3.5mA
<b>Current - DC Forward (I<sub>f</sub>) (Max)</b>	50mA
<b>Approvals</b>	CSA, UR

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	<b>Part#:</b> <a href="#">S2S4BY</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 4137	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S4</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 5123	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S4B00F</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 4894	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S4A00F</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Socle Technology Corporation</a> <b>In Stock:</b> 103932	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2SC4617G</a> <b>Description:</b> TRANS NPN 50V 0.1A SC75-3	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 1104735	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S3RY0F</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 5100	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S4LY</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 5998	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S4LY0F</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Socle Technology Corporation</a> <b>In Stock:</b> 4834	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S3Y</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 4972	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2SDT-10-28-L-10.00-S</a> <b>Description:</b> 2.00MM SOCKET DISCRETE CABLE ASS	<b>Manufacturers:</b> <a href="#">Samtec, Inc.</a> <b>In Stock:</b> 7592	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">S2SDT-07-28-L-10.00-S</a> <b>Description:</b> 2.00MM SOCKET DISCRETE CABLE ASS	<b>Manufacturers:</b> <a href="#">Samtec, Inc.</a> <b>In Stock:</b> 11398	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S4B</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 5017	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2SDT-15-24-L-12.00-SR</a> <b>Description:</b> CABLE ASSY SOCKET 30POS 24AWG	<b>Manufacturers:</b> <a href="#">Samtec, Inc.</a> <b>In Stock:</b> 6686	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S5FA0F</a> <b>Description:</b> PHOTOTRIAC COUPLER	<b>Manufacturers:</b> <a href="#">Socle Technology Corporation</a> <b>In Stock:</b> 184691	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S3Y00F</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 116483	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S4000F</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Sharp Microelectronics</a> <b>In Stock:</b> 5613	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2S4BY0F</a> <b>Description:</b> OPTOISOLATOR 3.75KV TRIAC 4SMD	<b>Manufacturers:</b> <a href="#">Socle Technology Corporation</a> <b>In Stock:</b> 127100	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S2SA1774G</a> <b>Description:</b> TRANS PNP 50V 0.1A SC75-3	<b>Manufacturers:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a> <b>In Stock:</b> 1430076	<a href="#">RFQ</a>
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