

PS9905-Y-AX



Part Number: [PS9905-Y-AX](#)
Manufacturer: [CEL \(California Eastern Laboratories\)](#)
Description: OPTOISO 7.5KV GATE DRIVER 8LSDIP
Data sheet: [PDF Optocoupler Design Guide](#)
[PDF PS9905](#)
[PDF Optocouplers + SSR Brochure](#)

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

Part Number	PS9905-Y-AX
Manufacturer	CEL (California Eastern Laboratories)
Description	OPTOISO 7.5KV GATE DRIVER 8LSDIP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	19039 pcs
Product Photo	PS9905-Y-AX.jpg
Category	Isolators
Voltage - Supply	15 V ~ 30 V
Voltage - Isolation	7500Vrms
Voltage - Forward (Vf) (Typ)	1.56V
Technology	Optical Coupling
Supplier Device Package	8-LSDIP
Series	-
Rise / Fall Time (Typ)	50ns, 50ns
Pulse Width Distortion (Max)	75ns
Propagation Delay tpLH / tpHL (Max)	150ns, 150ns
Packaging	Strip
Package / Case	8-SOIC (0.543", 13.80mm Width)
Other Names	PS9905YAX
Operating Temperature	-40°C ~ 110°C
Number of Channels	1
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	2.5A Gate Driver Optical Coupling 7500Vrms 1 Channel 8-LSDIP
Current - Peak Output	2.5A
Current - Output High, Low	2A, 2A
Current - DC Forward (If) (Max)	25mA
Common Mode Transient Immunity (Min)	25kV/μs
Approvals	CSA, SEMKO, UL

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