



NO: PM-533 **PRODUCT:** EE-SX47/67 Photomicrosensors
DATE: February 2014 **TYPE:** Modification Notice

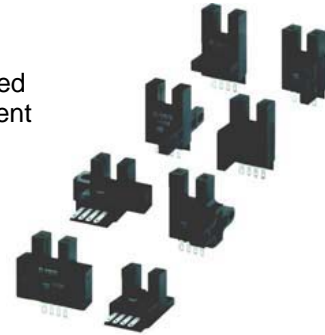
Slotted EE-SX47/-SX67 Photomicrosensors Modified

Lower Power Consumption, Brighter Indicator, Change in Country of Origin

Effective date: April 2014 production
 May 1, 2014 product code change

Reasons for modification: To upgrade features of non-modulated slotted photomicrosensors to improve sustainability and production quality. Current consumption will be reduced to one-third of previous models to save power. Brighter LED operation indicator will simplify setup and diagnostics. Load short circuit protection will be added to reduce maintenance after an electrical fault.

Production will move to Japan from China and markings on the product and packaging will change to reflect the change in country of origin.



Affected Parts

Models	Description	Old Product Code	New Product Code
EE-SX470	Standard, NPN, L-ON, L-ON indicator	EESX1690F	EESX2241H
EE-SX471	L-shaped, NPN, L-ON, L-ON indicator	EESX1691D	EESX2242F
EE-SX472	T-shaped, NPN, L-ON, L-ON indicator	EESX1692B	EESX2243D
EE-SX473	Close mounting, NPN, L-ON, L-ON indicator	EESX1693M	EESX2244B
EE-SX474	L-shaped close mounting, NPN, L-ON	EESX1694R	EESX2245M
EE-SX670	Standard, NPN, L-ON/D-ON, D-ON indicator	EESX1680R	EESX2246R
EE-SX670A	Standard, NPN, L-ON/D-ON, L-ON indicator	EESX1685M	EESX2247G
EE-SX670B	Standard	EESX1695G	EESX2248E
EE-SX670P	Standard, PNP, L-ON/D-ON, D-ON indicator	EESX1980H	EESX2249C
EE-SX670R	Standard, PNP, L-ON/D-ON, L-ON indicator	EESX1981F	EESX2250G
EE-SX671	L-shaped, NPN, L-ON/D-ON, D-ON indicator	EESX1681G	EESX2251E
EE-SX671A	L-shaped, NPN, L-ON/D-ON, L-ON indicator	EESX1686H	EESX2252C
EE-SX671P	L-shaped, PNP, L-ON/D-ON, D-ON indicator	EESX1982D	EESX2253A
EE-SX671R	L-shaped, PNP, L-ON/D-ON, L-ON indicator	EESX1983B	EESX2254M
EE-SX672	T-shaped, NPN, L-ON/D-ON, D-ON indicator	EESX1682E	EESX2255H
EE-SX672A	T-shaped, NPN, L-ON/D-ON, L-ON indicator	EESX1687F	EESX2256F
EE-SX672P	T-shaped, PNP, L-ON/D-ON, D-ON indicator	EESX1984M	EESX2257D
EE-SX672R	T-shaped, NPN, L-ON/D-ON, L-ON indicator	EESX1985R	EESX2258B
EE-SX673	Close mounting, NPN, L-ON/D-ON, D-ON indicator	EESX1683C	EESX2259M
EE-SX673A	Close mounting, NPN, L-ON/D-ON, L-ON indicator	EESX1688D	EESX2260D
EE-SX673P	Close mounting, PNP, L-ON/D-ON, D-ON indicator	EESX1986G	EESX2261B
EE-SX673R	Close mounting, NPN, L-ON/D-ON, L-ON indicator	EESX1987E	EESX2262M
EE-SX674	L-shaped close mounting, NPN, L-ON/D-ON, D-ON indicator	EESX1684A	EESX2263R
EE-SX674A	L-shaped close mounting, NPN, L-ON/D-ON, L-ON indicator	EESX1689B	EESX2264G
EE-SX674P	L-shaped close mounting, PNP, L-ON/D-ON, D-ON indicator	EESX1988C	EESX2265E
EE-SX674R	L-shaped close mounting, NPN, L-ON/D-ON, L-ON indicator	EESX1989A	EESX2266C
EE-SX675	T-shaped, NPN, L-ON/D-ON, D-ON indicator	EESX2023G	EESX2267A
EE-SX675P	T-shaped, PNP, L-ON/D-ON, D-ON indicator	EESX2026A	EESX2268M
EE-SX676	F-shaped, NPN, L-ON/D-ON, D-ON indicator	EESX2024E	EESX2269H
EE-SX676P	F-shaped, PNP, L-ON/D-ON, D-ON indicator	EESX2027M	EESX2270A
EE-SX677	R-shaped, NPN, L-ON/D-ON, D-ON indicator	EESX2025C	EESX2271M
EE-SX677P	R-shaped, PNP, L-ON/D-ON, D-ON indicator	EESX2028H	EESX2272H



See the following pages for information about the changes.

Changes

Ratings and Specifications

Before the change	After the change
Current consumption 35 mA max. (NPN models) 30 mA max. (PNP models)	Current consumption 12 mA max. (NPN models) 12 mA max. (PNP models)
Protection circuits Nothing	Protection circuits Load short circuit protection

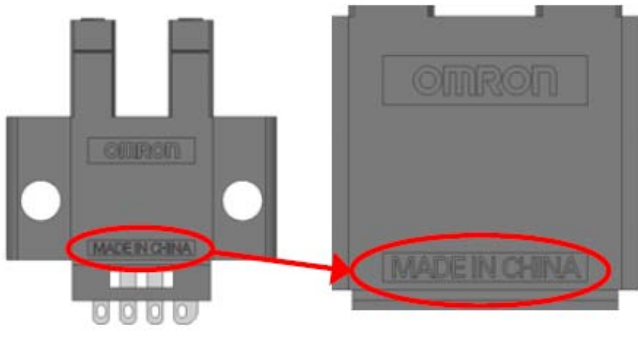
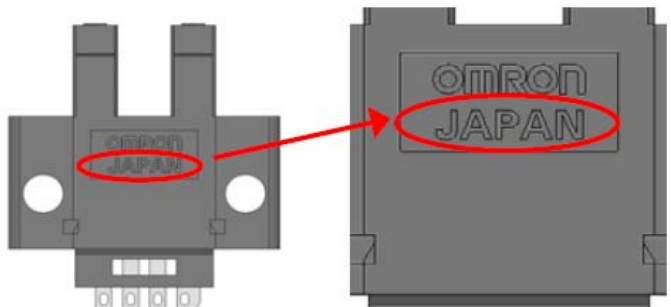
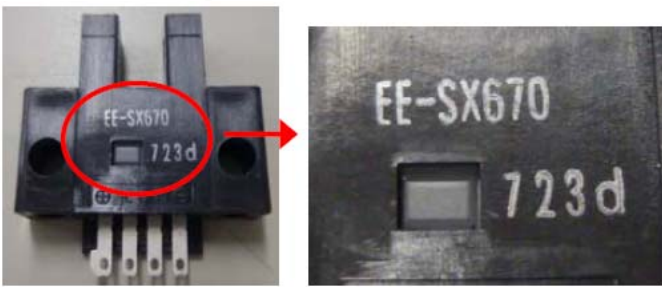

Indicator Brightness

Before the change	After the change
	


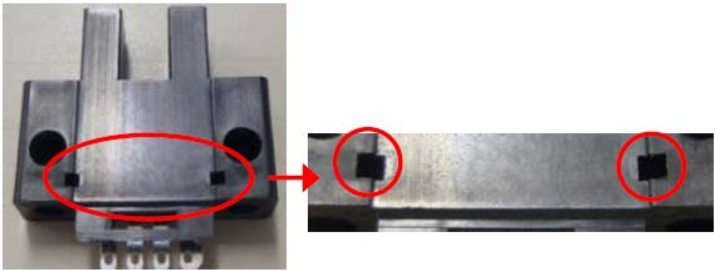
Country of Origin

Before the change	After the change
MADE IN CHINA	MADE IN JAPAN

Product Markings

Before the change	After the change
Country of Origin Made in China 	Country of Origin Japan 
Part number marking Rubber stamp 	Part number marking Laser marking and 2D QR code 

Product Appearance

Before the change	After the change
<p>Without fit holes</p> 	<p>With fit holes</p> 

Packaging

Before the change	After the change
<p>Packing material Cardboard</p> 	<p>Packing material Highly foamed polyethylene sheet</p> 
<p>Packaging label MADE IN CHINA</p> 	<p>Packaging label MADE IN JAPAN 2D QR code</p> 