

№ 202003-08-SPCADD

Date: 16 March, 2020

Product Change Notification

About this notice

COO addition in conductive polymer aluminum solid capacitors (SP-Cap).

As Indonesia's production capacity expands, Panasonic will add Indonesia to its current manufacturing countries to optimize the production balance between the two factories (Japan and Indonesia).

Therefore, please approve the addition of Indonesian products.

Product

Conductive Polymer Aluminum Solid Capacitors (SP-Cap)

Part Number

Applicable Parts Number: **EEFSX***, **EEFCX***, **EEFGX***, **EEFHX***, **EEFLX***, **EEFST***, **EEFCT***, **EEFLT***

* excluding 35 working voltage (all series), 1.2mm height (*S-series) and Multi-layer (*Y-series/2.8mm height) products.

* Please see attached for part number list.

Estimated Changing Date

Change from purchase order receive after August, 1st, 2020.

Contents for Change

=Notice=

Indonesia products will be added for above products.

- ✓ Current (One site): 00021408 Industrial Solutions Company, Panasonic Corporation (**only** made in Japan)
- ✓ After (Two sites): **00029517 PT. Panasonic Industrial Devices Batam (made in Indonesia) *addition**
00021408 Industrial Solutions Company, Panasonic Corporation (made in Japan)

=Change Points=

1. Only origin information of label will be changed.
 - * Please see attached for example.
 - * No change for products.
2. Reason for Change: optimization of production balance between two factories.

* If you do not respond by the end of February 2020, we will consider this request approved.

Ryuhei Kayamori


Global Management Section Manager
Uji Plant, Device Solutions Business Division
Industrial Solutions Company
Panasonic Corporation

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P/N list of SP-Cap to be added to COO: **SX**-series

Series	W.V.	Cap.	L	W	H	ESR	Part number	MPQ
SX	2.0	180	7.3	4.3	1.9	9	EEFSX0D181ER	3,500
SX	2.0	220	7.3	4.3	1.9	9	EEFSX0D221ER	3,500
SX	2.0	270	7.3	4.3	1.9	5	EEFSX0D271E4	3,500
SX	2.0	270	7.3	4.3	1.9	9	EEFSX0D271ER	3,500
SX	2.0	270	7.3	4.3	1.9	6	EEFSX0D271XE	3,500
SX	2.0	330	7.3	4.3	1.9	5	EEFSX0D331E4	3,500
SX	2.0	330	7.3	4.3	1.9	9	EEFSX0D331ER	3,500
SX	2.0	330	7.3	4.3	1.9	6	EEFSX0D331XE	3,500
SX	2.0	390	7.3	4.3	1.9	5	EEFSX0D391E4	3,500
SX	2.0	390	7.3	4.3	1.9	9	EEFSX0D391ER	3,500
SX	2.0	390	7.3	4.3	1.9	6	EEFSX0D391XE	3,500
SX	2.0	470	7.3	4.3	1.9	5	EEFSX0D471E4	3,500
SX	2.0	470	7.3	4.3	1.9	9	EEFSX0D471ER	3,500
SX	2.0	470	7.3	4.3	1.9	6	EEFSX0D471XE	3,500
SX	2.0	560	7.3	4.3	1.9	5	EEFSX0D561E4	3,500
SX	2.5	150	7.3	4.3	1.9	9	EEFSX0E151ER	3,500
SX	2.5	180	7.3	4.3	1.9	9	EEFSX0E181ER	3,500
SX	2.5	220	7.3	4.3	1.9	7	EEFSX0E221E7	3,500
SX	2.5	220	7.3	4.3	1.9	9	EEFSX0E221ER	3,500
SX	2.5	270	7.3	4.3	1.9	7	EEFSX0E271E7	3,500
SX	2.5	330	7.3	4.3	1.9	5	EEFSX0E331E4	3,500
SX	2.5	330	7.3	4.3	1.9	9	EEFSX0E331ER	3,500
SX	2.5	330	7.3	4.3	1.9	6	EEFSX0E331XE	3,500
SX	2.5	390	7.3	4.3	1.9	5	EEFSX0E391E4	3,500
SX	2.5	390	7.3	4.3	1.9	9	EEFSX0E391ER	3,500
SX	2.5	390	7.3	4.3	1.9	6	EEFSX0E391XE	3,500
SX	2.5	470	7.3	4.3	1.9	5	EEFSX0E471E4	3,500
SX	2.5	470	7.3	4.3	1.9	9	EEFSX0E471ER	3,500
SX	2.5	470	7.3	4.3	1.9	6	EEFSX0E471XE	3,500
SX	4.0	100	7.3	4.3	1.9	9	EEFSX0G101ER	3,500
SX	4.0	150	7.3	4.3	1.9	7	EEFSX0G151E7	3,500
SX	4.0	150	7.3	4.3	1.9	9	EEFSX0G151ER	3,500
SX	4.0	180	7.3	4.3	1.9	9	EEFSX0G181ER	3,500
SX	4.0	220	7.3	4.3	1.9	9	EEFSX0G221ER	3,500
SX	4.0	270	7.3	4.3	1.9	9	EEFSX0G271ER	3,500
SX	4.0	330	7.3	4.3	1.9	9	EEFSX0G331ER	3,500
SX	4.0	330	7.3	4.3	1.9	6	EEFSX0G331XE	3,500
SX	4.0	82	7.3	4.3	1.9	9	EEFSX0G820ER	3,500
SX	6.3	120	7.3	4.3	1.9	7	EEFSX0J121E7	3,500
SX	6.3	150	7.3	4.3	1.9	9	EEFSX0J151ER	3,500
SX	6.3	180	7.3	4.3	1.9	9	EEFSX0J181ER	3,500
SX	6.3	220	7.3	4.3	1.9	9	EEFSX0J221ER	3,500

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P/N list of SP-Cap to be added to COO: **CX-series**

Series	W.V.	Cap.	L	W	H	ESR	Part number	MPQ
CX	2.0	220	7.3	4.3	1.9	15	EEFCX0D221R	3,500
CX	2.0	270	7.3	4.3	1.9	12	EEFCX0D271XR	3,500
CX	2.0	330	7.3	4.3	1.9	15	EEFCX0D331R	3,500
CX	2.0	330	7.3	4.3	1.9	12	EEFCX0D331XR	3,500
CX	2.0	390	7.3	4.3	1.9	15	EEFCX0D391R	3,500
CX	2.0	470	7.3	4.3	1.9	15	EEFCX0D471R	3,500
CX	2.0	560	7.3	4.3	1.9	15	EEFCX0D561R	3,500
CX	2.5	220	7.3	4.3	1.9	15	EEFCX0E221R	3,500
CX	2.5	330	7.3	4.3	1.9	15	EEFCX0E331R	3,500
CX	2.5	390	7.3	4.3	1.9	15	EEFCX0E391R	3,500
CX	2.5	470	7.3	4.3	1.9	15	EEFCX0E471R	3,500
CX	4.0	150	7.3	4.3	1.9	15	EEFCX0G151R	3,500
CX	4.0	180	7.3	4.3	1.9	15	EEFCX0G181R	3,500
CX	4.0	180	7.3	4.3	1.9	12	EEFCX0G181XR	3,500
CX	4.0	220	7.3	4.3	1.9	15	EEFCX0G221R	3,500
CX	4.0	220	7.3	4.3	1.9	12	EEFCX0G221XR	3,500
CX	4.0	270	7.3	4.3	1.9	15	EEFCX0G271R	3,500
CX	4.0	330	7.3	4.3	1.9	15	EEFCX0G331R	3,500
CX	6.3	100	7.3	4.3	1.9	15	EEFCX0J101R	3,500
CX	6.3	120	7.3	4.3	1.9	15	EEFCX0J121R	3,500
CX	6.3	150	7.3	4.3	1.9	15	EEFCX0J151R	3,500
CX	6.3	150	7.3	4.3	1.9	12	EEFCX0J151XR	3,500
CX	6.3	180	7.3	4.3	1.9	15	EEFCX0J181R	3,500
CX	6.3	220	7.3	4.3	1.9	15	EEFCX0J221R	3,500
CX	10.0	100	7.3	4.3	1.9	40	EEFCX1A101R	3,500
CX	10.0	47	7.3	4.3	1.9	40	EEFCX1A470R	3,500
CX	10.0	68	7.3	4.3	1.9	40	EEFCX1A680R	3,500
CX	16.0	15	7.3	4.3	1.9	40	EEFCX1C150R	3,500
CX	16.0	22	7.3	4.3	1.9	40	EEFCX1C220R	3,500
CX	16.0	33	7.3	4.3	1.9	40	EEFCX1C330R	3,500
CX	16.0	47	7.3	4.3	1.9	40	EEFCX1C470R	3,500
CX	16.0	68	7.3	4.3	1.9	40	EEFCX1C680R	3,500
CX	20.0	22	7.3	4.3	1.9	40	EEFCX1D220R	3,500
CX	20.0	33	7.3	4.3	1.9	40	EEFCX1D330R	3,500
CX	20.0	47	7.3	4.3	1.9	40	EEFCX1D470R	3,500
CX	20.0	56	7.3	4.3	1.9	40	EEFCX1D560R	3,500
CX	25.0	15	7.3	4.3	1.9	40	EEFCX1E150R	3,500
CX	25.0	22	7.3	4.3	1.9	40	EEFCX1E220R	3,500
CX	25.0	33	7.3	4.3	1.9	40	EEFCX1E330R	3,500

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P/N list of SP-Cap to be added to COO: **GX**-series

Series	W.V.	Cap.	L	W	H	ESR	Part number	MPQ
GX	2.0	330	7.3	4.3	1.9	3	EEFGX0D331R	3,500
GX	2.0	470	7.3	4.3	1.9	3	EEFGX0D471L	3,500
GX	2.0	470	7.3	4.3	1.9	3	EEFGX0D471R	3,500
GX	2.0	560	7.3	4.3	1.9	3	EEFGX0D561L	3,500
GX	2.0	560	7.3	4.3	1.9	3	EEFGX0D561R	3,500
GX	2.5	330	7.3	4.3	1.9	3	EEFGX0E331R	3,500
GX	2.5	470	7.3	4.3	1.9	3	EEFGX0E471L	3,500
GX	2.5	470	7.3	4.3	1.9	3	EEFGX0E471R	3,500

P/N list of SP-Cap to be added to COO: **HX**-series

Series	W.V.	Cap.	L	W	H	ESR	Part number	MPQ
HX	2.0	470	7.3	4.3	1.9	15	EEFH0D471R	3,500
HX	2.0	470	7.3	4.3	1.9	5	EEFH0D471R4	3,500
HX	2.0	470	7.3	4.3	1.9	6	EEFH0D471R6	3,500
HX	2.0	470	7.3	4.3	1.9	9	EEFH0D471R9	3,500
HX	2.0	560	7.3	4.3	1.9	15	EEFH0D561R	3,500
HX	2.0	560	7.3	4.3	1.9	5	EEFH0D561R4	3,500
HX	2.5	330	7.3	4.3	1.9	15	EEFH0E331R	3,500
HX	2.5	330	7.3	4.3	1.9	5	EEFH0E331R4	3,500
HX	2.5	330	7.3	4.3	1.9	6	EEFH0E331R6	3,500
HX	2.5	330	7.3	4.3	1.9	9	EEFH0E331R9	3,500
HX	2.5	470	7.3	4.3	1.9	15	EEFH0E471R	3,500
HX	2.5	470	7.3	4.3	1.9	5	EEFH0E471R4	3,500
HX	2.5	470	7.3	4.3	1.9	6	EEFH0E471R6	3,500
HX	2.5	470	7.3	4.3	1.9	9	EEFH0E471R9	3,500
HX	10.0	100	7.3	4.3	1.9	40	EEFH1A101R	3,500
HX	10.0	47	7.3	4.3	1.9	40	EEFH1A470R	3,500
HX	10.0	68	7.3	4.3	1.9	40	EEFH1A680R	3,500
HX	16.0	15	7.3	4.3	1.9	40	EEFH1C150R	3,500
HX	16.0	22	7.3	4.3	1.9	40	EEFH1C220R	3,500
HX	16.0	33	7.3	4.3	1.9	40	EEFH1C330R	3,500
HX	16.0	47	7.3	4.3	1.9	40	EEFH1C470R	3,500
HX	16.0	68	7.3	4.3	1.9	40	EEFH1C680R	3,500
HX	20.0	22	7.3	4.3	1.9	40	EEFH1D220R	3,500
HX	20.0	33	7.3	4.3	1.9	40	EEFH1D330R	3,500
HX	20.0	47	7.3	4.3	1.9	40	EEFH1D470R	3,500
HX	20.0	56	7.3	4.3	1.9	40	EEFH1D560R	3,500
HX	25.0	15	7.3	4.3	1.9	40	EEFH1E150R	3,500
HX	25.0	22	7.3	4.3	1.9	40	EEFH1E220R	3,500
HX	25.0	33	7.3	4.3	1.9	40	EEFH1E330R	3,500

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P/N list of SP-Cap to be added to COO: LX-series

Series	W.V.	Cap.	L	W	H	ESR	Part number	MPQ
LX	2.0	330	7.3	4.3	1.9	6	EEFLX0D331R	3,500
LX	2.0	330	7.3	4.3	1.9	5	EEFLX0D331R4	3,500
LX	2.0	470	7.3	4.3	1.9	6	EEFLX0D471R	3,500
LX	2.0	470	7.3	4.3	1.9	5	EEFLX0D471R4	3,500
LX	2.0	560	7.3	4.3	1.9	6	EEFLX0D561R	3,500
LX	2.0	560	7.3	4.3	1.9	5	EEFLX0D561R4	3,500
LX	2.5	330	7.3	4.3	1.9	6	EEFLX0E331R	3,500
LX	2.5	330	7.3	4.3	1.9	5	EEFLX0E331R4	3,500
LX	2.5	470	7.3	4.3	1.9	6	EEFLX0E471R	3,500
LX	2.5	470	7.3	4.3	1.9	5	EEFLX0E471R4	3,500

P/N list of SP-Cap to be added to COO: ST-series

Series	W.V.	Cap.	L	W	H	ESR	Part number	MPQ
ST	2.0	330	7.3	4.3	1.4	6	EEFST0D331R	3,500
ST	2.5	270	7.3	4.3	1.4	6	EEFST0E271R	3,500

P/N list of SP-Cap to be added to COO: CT-series

Series	W.V.	Cap.	L	W	H	ESR	Part number	MPQ
CT	4.0	180	7.3	4.3	1.4	15	EEFCT0G181R	3,500
CT	6.3	100	7.3	4.3	1.4	15	EEFCT0J101R	3,500
CT	10.0	68	7.3	4.3	1.4	40	EEFCT1A680R	3,500
CT	16.0	47	7.3	4.3	1.4	40	EEFCT1C470R	3,500
CT	20.0	33	7.3	4.3	1.4	40	EEFCT1D330R	3,500
CT	20.0	47	7.3	4.3	1.4	40	EEFCT1D470R	3,500
CT	25.0	22	7.3	4.3	1.4	40	EEFCT1E220R	3,500

P/N list of SP-Cap to be added to COO: LT-series

Series	W.V.	Cap.	L	W	H	ESR	Part number	MPQ
LT	2.0	330	7.3	4.3	1.4	6	EEFLT0D331R	3,500
LT	2.5	270	7.3	4.3	1.4	6	EEFLT0E271R	3,500

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About label specifications

Current: 00021408 Industrial Solutions Company, Panasonic Corporation



MADE IN JAPAN

Additional: 00029571 PT. Panasonic Industrial Devices Batam



MADE IN INDONESIA