



# Product Change Notification

To: Authorized Distributors

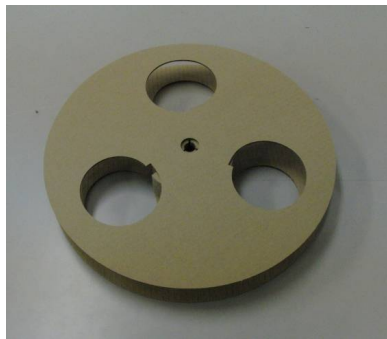
	Approval	Check	Design
Issued by: <u>Panasonic Co.,Ltd. in behave of PAISEU</u>	NAGARA	SERIKAWA	MORISHITA

Subject	Change of the paper reel to plastic reel for aluminum electrolytic capacitors of surface-mount type (type V)
Part number	The change applies to all aluminum electrolytic capacitors of V type, including those made in both Japan and Malaysia. Except, the following series are already packaged by plastic reels; FT, TQ, FKS, TC, TCU, ZA, ZC, ZK, and ZE series
Estimated changing date	The change will start for the products to be shipped on September 1st of 2017.
Revised category	< >Design < >Parts / Materials < >Inspection / Test < # >Others
Contents	<p>Purposes of the reel change are;</p> <ol style="list-style-type: none"> <li>1. increasing demand for plastic reels especially in automotive industry,</li> <li>2. increasing demand for plastic reels in surface-mount type capacitors, and</li> <li>3. to prevent dust coming out from paper reels.</li> </ol> <div style="display: flex; justify-content: space-around; align-items: center; text-align: center;"> <div style="margin-right: 20px;"> <p><b>[ Current paper reel ]</b></p>  </div> <div style="font-size: 2em; margin: 0 20px;">➔</div> <div style="margin-left: 20px;"> <p><b>[ New plastic reel ]</b></p>  </div> </div> <p>- Product number: P/N will be the same          - Characteristics: The capacitor will not be affected by the packaging reel.          - Product specification: The document will be the same since packaging dimensions as well as minimum quantity do not change.</p>
Attached Documents	

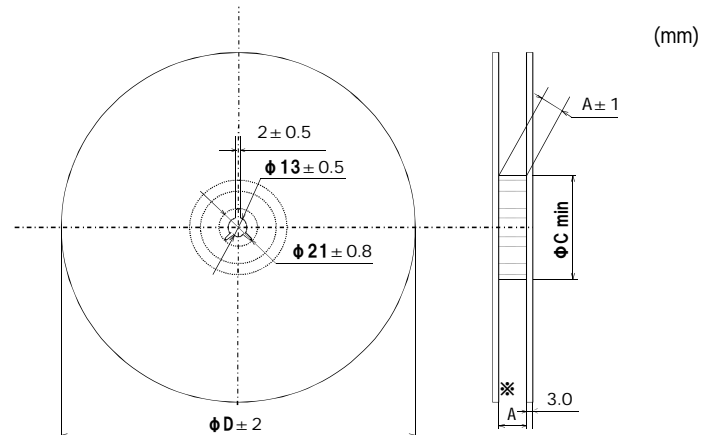
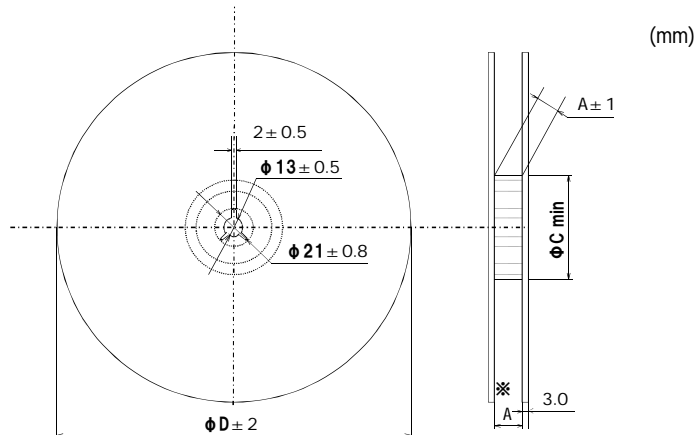
現行品

変更品

Appearance



Dimensions



Size code	A	C	D
B	14	50	380
C	14	50	380
D	18	50	380
D8	18	50	380
E	18	50	380
F	26	50	380
G	26	50	380

Dimension※does not exceed 1.5 times of A.

Size code	A	C	D
B	14	50	380
C	14	50	380
D	18	50	380
D8	18	50	380
E	18	50	380
F	26	50	380
G	26	50	380

Dimension※does not exceed 1.5 times of A.

### Standard reel material and part number suffix

### PU and Outer carton q'ty

Series	Automotive	φ4 ~ φ5		φ6.3 ~ φ10		φ12.5 (φ10x16)		φ16 ~ φ18		reel size 380mm				
		Reel Material	P/N suffix	Reel Material	P/N suffix	Reel Material	P/N suffix	Reel Material	P/N suffix	size code	case size	PU	O/C q'ty	Reel
S	○	Paper→Plastic	R	Paper→Plastic	P	-	-	-	-	A	3	2,000	20,000	10
HA	○	Paper→Plastic	R	Paper→Plastic	P	-	-	-	-	B	4	2,000	20,000	10
HB	○	Paper→Plastic	R	Paper→Plastic	P	-	-	-	-	C	5	1,000	10,000	10
HC	○	Paper→Plastic	R	Paper→Plastic	P	-	-	-	-	D	6.3	1,000	10,000	10
HD	○	Paper→Plastic	R	Paper→Plastic	P	Plastic	Q	Plastic	M	E	8x6	1,000	10,000	10
FC	○	Paper→Plastic	R	Paper→Plastic	P	-	-	-	-	D8	6.3x8	900	9,000	10
FK	○	Paper→Plastic	R	Paper→Plastic	P	Plastic	Q	Plastic	M	F	8x10	500	3,000	6
FP	○	Paper→Plastic	R	Paper→Plastic	P	-	-	-	-	G	10x10	500	3,000	6
FT	○	Plastic	R	Plastic	P	-	-	-	-	G13	10x13	250	1,250	5
FKS	○	Plastic	R	Plastic	P	-	-	-	-	G17	10x16	250	1,250	5
EB	X	-	-	Paper→Plastic	P	Plastic	Q	Plastic	M	H13	13x13	200	1,000	5
TG	○	-	-	Paper→Plastic	P	-	-	-	-	H16	13x16	150	750	5
TK	○	-	-	Paper→Plastic	P	Plastic	Q	Plastic	M	J16	16x16	150	750	5
TP	○	-	-	Paper→Plastic	P	-	-	-	-	K16	18x16	125	500	4
TQ	○	-	-	Plastic	P	-	-	-	-	J21	16x21	75	300	4
TC	○	-	-	Plastic	P	-	-	-	-	K21	18x21	75	300	4
TC-U	○	-	-	Plastic	P	-	-	-	-					
ZA	○	Plastic	R	Plastic	P	-	-	-	-					
ZC	○	Plastic	R	Plastic	P	-	-	-	-					
ZK	○	Plastic	R	Plastic	P	-	-	-	-					
ZE	○	-	-	Plastic	P	-	-	-	-					

Current Plastic reel  
P/N suffix "J" --> continue REMAIN

From 2017/9/1 production  
All P/N change material from paper to Plastic.  
P/N suffix is not changed.

Part Vend	Part Number
PAN	EEE-0GA101SR
PAN	EEE-0JA101SP
PAN	EEE-0JA102P
PAN	EEE-0JA102UP
PAN	EEE-0JA220SR
PAN	EEE-0JA221WP
PAN	EEE-0JA331P
PAN	EEE-0JA331XAP
PAN	EEE-0JA331XP
PAN	EEE-0JA470SR
PAN	EEE-0JA470WR
PAN	EEE-0JA471P
PAN	EEE-1AA101SP
PAN	EEE-1AA101WR
PAN	EEE-1AA102P
PAN	EEE-1AA220WAR
PAN	EEE-1AA220WR
PAN	EEE-1AA221P
PAN	EEE-1AA330SR
PAN	EEE-1AA470WR
PAN	EEE-1AA471P
PAN	EEE-1AA471UP
PAN	EEE-1CA100SR
PAN	EEE-1CA101P
PAN	EEE-1CA101WAP
PAN	EEE-1CA101WP
PAN	EEE-1CA220AR
PAN	EEE-1CA220SR
PAN	EEE-1CA220WR
PAN	EEE-1CA221P
PAN	EEE-1CA221XP
PAN	EEE-1CA331P
PAN	EEE-1CA331UP
PAN	EEE-1CA470AP
PAN	EEE-1CA470SP
PAN	EEE-1CA470WR
PAN	EEE-1CA471AP
PAN	EEE-1CA471P
PAN	EEE-1CA471UP
PAN	EEE-1CS100SR
PAN	EEE-1EA100SR
PAN	EEE-1EA100WAR
PAN	EEE-1EA100WR
PAN	EEE-1EA101P
PAN	EEE-1EA101UAP

PAN	EEE-1EA101UP
PAN	EEE-1EA101XAP
PAN	EEE-1EA101XP
PAN	EEE-1EA220SP
PAN	EEE-1EA220WR
PAN	EEE-1EA221P
PAN	EEE-1EA221UAP
PAN	EEE-1EA221UP
PAN	EEE-1EA330SP
PAN	EEE-1EA330WR
PAN	EEE-1EA331P
PAN	EEE-1EA331UP
PAN	EEE-1EA470WAP
PAN	EEE-1EA470WP
PAN	EEE-1EA471P
PAN	EEE-1EA471UAP
PAN	EEE-1EA4R7SR
PAN	EEE-1HA010SR
PAN	EEE-1HA100AP
PAN	EEE-1HA100SP
PAN	EEE-1HA100WR
PAN	EEE-1HA101P
PAN	EEE-1HA101UAP
PAN	EEE-1HA101UP
PAN	EEE-1HA1R0AR
PAN	EEE-1HA220P
PAN	EEE-1HA220WAP
PAN	EEE-1HA220WP
PAN	EEE-1HA221P
PAN	EEE-1HA221UAP
PAN	EEE-1HA2R2NR
PAN	EEE-1HA2R2SR
PAN	EEE-1HA330UP
PAN	EEE-1HA3R3SR
PAN	EEE-1HA470P
PAN	EEE-1HA470XAP
PAN	EEE-1HA470XP
PAN	EEE-1HA4R7SR
PAN	EEE-1HA4R7WR
PAN	EEE-1JA101P
PAN	EEE-1JA220P
PAN	EEE-1JA220UP
PAN	EEE-1JA470UP
PAN	EEE-1VA100AR
PAN	EEE-1VA100NP
PAN	EEE-1VA100SR

PAN	EEE-1VA100WAR
PAN	EEE-1VA100WR
PAN	EEE-1VA101AP
PAN	EEE-1VA101P
PAN	EEE-1VA101UP
PAN	EEE-1VA101XAP
PAN	EEE-1VA101XP
PAN	EEE-1VA220AP
PAN	EEE-1VA220SP
PAN	EEE-1VA220WR
PAN	EEE-1VA221AP
PAN	EEE-1VA221P
PAN	EEE-1VA221UP
PAN	EEE-1VA330P
PAN	EEE-1VA331P
PAN	EEE-1VA470P
PAN	EEE-1VA470WP
PAN	EEE-1VA470WP-JP
PAN	EEE-1VA4R7SR
PAN	EEE-1VS2R2SR
PAN	EEE-2AA100P
PAN	EEE-2AA100UP
PAN	EEE-2AA220P
PAN	EEE-2AA220UP
PAN	EEE-2AA3R3P
PAN	EEE-FC0J101AP
PAN	EEE-FC0J101FJ
PAN	EEE-FC0J101P
PAN	EEE-FC0J102AP
PAN	EEE-FC0J102P
PAN	EEE-FC0J152AP
PAN	EEE-FC0J152P
PAN	EEE-FC0J221P
PAN	EEE-FC0J331AP
PAN	EEE-FC0J331P
PAN	EEE-FC0J470FR
PAN	EEE-FC0J470R
PAN	EEE-FC1A101AP
PAN	EEE-FC1A101P
PAN	EEE-FC1A102AP
PAN	EEE-FC1A102P
PAN	EEE-FC1A151P
PAN	EEE-FC1A221AP
PAN	EEE-FC1A221P
PAN	EEE-FC1A330R
PAN	EEE-FC1A471AP

PAN	EEE-FC1A471P
PAN	EEE-FC1C100AR
PAN	EEE-FC1C100R
PAN	EEE-FC1C101AP
PAN	EEE-FC1C101P
PAN	EEE-FC1C220R
PAN	EEE-FC1C221P
PAN	EEE-FC1C331AP
PAN	EEE-FC1C331P
PAN	EEE-FC1C470AP
PAN	EEE-FC1C470FJ
PAN	EEE-FC1C470P
PAN	EEE-FC1C471AP
PAN	EEE-FC1C471P
PAN	EEE-FC1C680P
PAN	EEE-FC1C681AP
PAN	EEE-FC1E101AP
PAN	EEE-FC1E101P
PAN	EEE-FC1E220P
PAN	EEE-FC1E221P
PAN	EEE-FC1E330FP
PAN	EEE-FC1E330P
PAN	EEE-FC1E470AP
PAN	EEE-FC1E470P
PAN	EEE-FC1E471AP
PAN	EEE-FC1E471P
PAN	EEE-FC1E680P
PAN	EEE-FC1E6R8R
PAN	EEE-FC1H100P
PAN	EEE-FC1H101P
PAN	EEE-FC1H1R0R
PAN	EEE-FC1H220P
PAN	EEE-FC1H221P
PAN	EEE-FC1H2R2R
PAN	EEE-FC1H330P
PAN	EEE-FC1H470P
PAN	EEE-FC1H4R7R
PAN	EEE-FC1V100R
PAN	EEE-FC1V101AP
PAN	EEE-FC1V101FP
PAN	EEE-FC1V101P
PAN	EEE-FC1V220AP
PAN	EEE-FC1V220P
PAN	EEE-FC1V221AP
PAN	EEE-FC1V221FP
PAN	EEE-FC1V221P

PAN	EEE-FC1V2R2R
PAN	EEE-FC1V330P
PAN	EEE-FC1V331AP
PAN	EEE-FC1V331P
PAN	EEE-FC1V470AP
PAN	EEE-FC1V470FP
PAN	EEE-FC1V470P
PAN	EEE-FC1V4R7R
PAN	EEE-FC1V6R8AR
PAN	EEE-FK0J101AP
PAN	EEE-FK0J101P
PAN	EEE-FK0J101UR
PAN	EEE-FK0J102AP
PAN	EEE-FK0J102GP
PAN	EEE-FK0J102P
PAN	EEE-FK0J152AP
PAN	EEE-FK0J152GP
PAN	EEE-FK0J152GV
PAN	EEE-FK0J152P
PAN	EEE-FK0J220AR
PAN	EEE-FK0J220R
PAN	EEE-FK0J221AP
PAN	EEE-FK0J221P
PAN	EEE-FK0J331AP
PAN	EEE-FK0J331P
PAN	EEE-FK0J331XP
PAN	EEE-FK0J470AR
PAN	EEE-FK0J470R
PAN	EEE-FK0J470UR
PAN	EEE-FK0J471AP
PAN	EEE-FK0J471GP
PAN	EEE-FK0J471P
PAN	EEE-FK1A102AP
PAN	EEE-FK1A102GP
PAN	EEE-FK1A102P
PAN	EEE-FK1A151AP
PAN	EEE-FK1A151P
PAN	EEE-FK1A220AR
PAN	EEE-FK1A220R
PAN	EEE-FK1A221AP
PAN	EEE-FK1A221P
PAN	EEE-FK1A221XP
PAN	EEE-FK1A330AR
PAN	EEE-FK1A330R
PAN	EEE-FK1A330UR
PAN	EEE-FK1A331AP



PAN	EEE-FK1A331GP
PAN	EEE-FK1A331P
PAN	EEE-FK1A471AP
PAN	EEE-FK1A471GP
PAN	EEE-FK1A471P
PAN	EEE-FK1A681AP
PAN	EEE-FK1A681GP
PAN	EEE-FK1A681P
PAN	EEE-FK1C100AR
PAN	EEE-FK1C100R
PAN	EEEFK1C101AP
PAN	EEE-FK1C101AP
PAN	EEE-FK1C101FP
PAN	EEE-FK1C101P
PAN	EEE-FK1C151XP
PAN	EEE-FK1C220AR
PAN	EEE-FK1C220R
PAN	EEE-FK1C220UR
PAN	EEE-FK1C221AP
PAN	EEE-FK1C221P
PAN	EEE-FK1C221XP
PAN	EEE-FK1C221XP.
PAN	EEE-FK1C331AP
PAN	EEE-FK1C331GP
PAN	EEE-FK1C331P
PAN	EEE-FK1C470AP
PAN	EEE-FK1C470P
PAN	EEE-FK1C470UR
PAN	EEE-FK1C471AP
PAN	EEE-FK1C471GP
PAN	EEE-FK1C471P
PAN	EEE-FK1C680AP
PAN	EEE-FK1C680P
PAN	EEE-FK1C681AP
PAN	EEE-FK1C681GP
PAN	EEE-FK1C681P
PAN	EEE-FK1E100AR
PAN	EEE-FK1E100R
PAN	EEE-FK1E101AP
PAN	EEE-FK1E101P
PAN	EEE-FK1E101XP
PAN	EEE-FK1E101XP.
PAN	EEE-FK1E151AP
PAN	EEE-FK1E151GP
PAN	EEE-FK1E151P
PAN	EEE-FK1E220AR

PAN	EEE-FK1E220R
PAN	EEE-FK1E221AP
PAN	EEE-FK1E221GP
PAN	EEE-FK1E221P
PAN	EEE-FK1E222AV
PAN	EEE-FK1E330AP
PAN	EEE-FK1E330P
PAN	EEE-FK1E330UR
PAN	EEE-FK1E331AP
PAN	EEE-FK1E331GP
PAN	EEE-FK1E331P
PAN	EEE-FK1E470AP
PAN	EEE-FK1E470FP
PAN	EEE-FK1E470P
PAN	EEE-FK1E471AP
PAN	EEE-FK1E471GP
PAN	EEE-FK1E471P
PAN	EEE-FK1E680AP
PAN	EEE-FK1E680P
PAN	EEE-FK1H100P
PAN	EEE-FK1H100UR
PAN	EEE-FK1H101GP
PAN	EEE-FK1H101P
PAN	EEE-FK1H101P.
PAN	EEE-FK1H101V
PAN	EEE-FK1H151GP
PAN	EEE-FK1H151P
PAN	EEE-FK1H220P
PAN	EEE-FK1H221GP
PAN	EEE-FK1H221P
PAN	EEE-FK1H221P.
PAN	EEE-FK1H221V
PAN	EEE-FK1H330P
PAN	EEE-FK1H330XP
PAN	EEE-FK1H470P
PAN	EEE-FK1H470XP
PAN	EEE-FK1H4R7R
PAN	EEE-FK1J100P
PAN	EEE-FK1J101P
PAN	EEE-FK1J220P
PAN	EEE-FK1J220XP
PAN	EEE-FK1J330P
PAN	EEE-FK1J470P
PAN	EEE-FK1J4R7R
PAN	EEE-FK1J680UP
PAN	EEE-FK1K100P

PAN	EEE-FK1K100XP
PAN	EEE-FK1K220P
PAN	EEE-FK1K330P
PAN	EEE-FK1K3R3R
PAN	EEE-FK1K470P
PAN	EEE-FK1K4R7P
PAN	EEE-FK1V100AR
PAN	EEE-FK1V100R
PAN	EEE-FK1V100UR
PAN	EEE-FK1V101AP
PAN	EEE-FK1V101GP
PAN	EEE-FK1V101P
PAN	EEE-FK1V101XP
PAN	EEE-FK1V151AP
PAN	EEE-FK1V151GP
PAN	EEE-FK1V151P
PAN	EEE-FK1V220AR
PAN	EEE-FK1V220R
PAN	EEE-FK1V221AP
PAN	EEE-FK1V221GP
PAN	EEE-FK1V221P
PAN	EEE-FK1V330AP
PAN	EEE-FK1V330P
PAN	EEE-FK1V331AP
PAN	EEE-FK1V331FJ
PAN	EEE-FK1V331GP
PAN	EEE-FK1V331P
PAN	EEE-FK1V470AP
PAN	EEE-FK1V470FJ
PAN	EEE-FK1V470P
PAN	EEE-FK1V4R7AR
PAN	EEE-FK1V4R7R
PAN	EEE-FK1V680XP
PAN	EEE-FK2A220P
PAN	EEE-FK2A330P
PAN	EEE-FKA221XAP
PAN	EEE-FKA330UAR
PAN	EEE-FKC151XAP
PAN	EEE-FKC220UAR
PAN	EEE-FKC221XAP
PAN	EEE-FKC470UAR
PAN	EEE-FKE101XAP
PAN	EEE-FKE330UAR
PAN	EEE-FKJ101UAR
PAN	EEE-FKJ331XAP
PAN	EEE-FKJ470UAR

PAN	EEE-FKJ471XSP
PAN	EEE-FKV100UAR
PAN	EEE-FKV101XAP
PAN	EEE-FKV680XAP
PAN	EEE-FP0J101AP
PAN	EEE-FP0J102AP
PAN	EEE-FP0J152AP
PAN	EEE-FP0J220AR
PAN	EEE-FP0J221AP
PAN	EEE-FP0J470AR
PAN	EEE-FP0J471AP
PAN	EEE-FP1A102AP
PAN	EEE-FP1A151AP
PAN	EEE-FP1A221AP
PAN	EEE-FP1A331AP
PAN	EEE-FP1A471AP
PAN	EEE-FP1A681AP
PAN	EEE-FP1C100AR
PAN	EEE-FP1C101AP
PAN	EEE-FP1C220AR
PAN	EEE-FP1C221AP
PAN	EEE-FP1C331AP
PAN	EEE-FP1C470AP
PAN	EEE-FP1C471AP
PAN	EEE-FP1C681AP
PAN	EEE-FP1E100AR
PAN	EEE-FP1E101AP
PAN	EEE-FP1E151AP
PAN	EEE-FP1E220AR
PAN	EEE-FP1E221AP
PAN	EEE-FP1E330AP
PAN	EEE-FP1E331AP
PAN	EEE-FP1E470AP
PAN	EEE-FP1E471AP
PAN	EEE-FP1E680AP
PAN	EEE-FP1H101AP
PAN	EEE-FP1H221AP
PAN	EEE-FP1V101AP
PAN	EEE-FP1V151AP
PAN	EEE-FP1V220AR
PAN	EEE-FP1V221AP
PAN	EEE-FP1V330AP
PAN	EEE-FP1V331AP
PAN	EEE-FP1V470AP
PAN	EEE-FPA122UAP
PAN	EEE-FPA221XAP

PAN	EEE-FPA330UAR
PAN	EEE-FPC101XAP
PAN	EEE-FPC151XAP
PAN	EEE-FPC220UAR
PAN	EEE-FPC221XAP
PAN	EEE-FPC470UAR
PAN	EEE-FPE101XAP
PAN	EEE-FPE330UAR
PAN	EEE-FPJ101UAR
PAN	EEE-FPJ182UAP
PAN	EEE-FPJ331XAP
PAN	EEE-FPJ470UAR
PAN	EEE-FPV100UAR
PAN	EEE-FPV101XAP
PAN	EEE-FPV391UAP
PAN	EEE-FPV680XAP
PAN	EEE-HA0J101P
PAN	EEE-HA0J101WR
PAN	EEE-HA0J102UP
PAN	EEE-HA0J152P
PAN	EEE-HA0J220R
PAN	EEE-HA0J221WP
PAN	EEE-HA0J470R
PAN	EEE-HA1A101WP
PAN	EEE-HA1A102P
PAN	EEE-HA1A221XP
PAN	EEE-HA1A330R
PAN	EEE-HA1A330WR
PAN	EEE-HA1A470WR
PAN	EEE-HA1A471P
PAN	EEE-HA1C100AR
PAN	EEE-HA1C100R
PAN	EEE-HA1C101WP
PAN	EEE-HA1C220R
PAN	EEE-HA1C221P
PAN	EEE-HA1C221XP
PAN	EEE-HA1C331UP
PAN	EEE-HA1C470AP
PAN	EEE-HA1C470P
PAN	EEE-HA1C470WR
PAN	EEE-HA1C471UP
PAN	EEE-HA1E100R
PAN	EEE-HA1E100WR
PAN	EEE-HA1E101UP
PAN	EEE-HA1E101XP
PAN	EEE-HA1E220P

PAN	EEE-HA1E221UP
PAN	EEE-HA1E330P
PAN	EEE-HA1E330WR
PAN	EEE-HA1E471P
PAN	EEE-HA1E4R7R
PAN	EEE-HA1H100AP
PAN	EEE-HA1H100P
PAN	EEE-HA1H101AP
PAN	EEE-HA1H101P
PAN	EEE-HA1H101UP
PAN	EEE-HA1H1R0R
PAN	EEE-HA1H221P
PAN	EEE-HA1H2R2AR
PAN	EEE-HA1H2R2R
PAN	EEE-HA1H330P
PAN	EEE-HA1H330XP
PAN	EEE-HA1H3R3R
PAN	EEE-HA1H470P
PAN	EEE-HA1H470UP
PAN	EEE-HA1H470XP
PAN	EEE-HA1J470P
PAN	EEE-HA1J470UP
PAN	EEE-HA1V100R
PAN	EEE-HA1V100WR
PAN	EEE-HA1V101P
PAN	EEE-HA1V101XP
PAN	EEE-HA1V220P
PAN	EEE-HA1V220WR
PAN	EEE-HA1V221P
PAN	EEE-HA1V221UP
PAN	EEE-HA1V330WP
PAN	EEE-HA1V331P
PAN	EEE-HA1V4R7R
PAN	EEE-HA2A100P
PAN	EEE-HA2A220P
PAN	EEE-HA2A220UP
PAN	EEE-HA2A330P
PAN	EEE-HA2A470UP
PAN	EEE-HAA101WAP
PAN	EEE-HAA470WAR
PAN	EEE-HAE470WAP
PAN	EEE-HAH101UAP
PAN	EEE-HAH221UAP
PAN	EEE-HAH470XAP
PAN	EEE-HAV101XAP
PAN	EEE-HAV330WAP

PAN	EEE-HBOJ101P
PAN	EEE-HBOJ220R
PAN	EEE-HBOJ470R
PAN	EEE-HB1C100AR
PAN	EEE-HB1C100R
PAN	EEE-HB1C220R
PAN	EEE-HB1C470P
PAN	EEE-HB1E221P
PAN	EEE-HB1E330P
PAN	EEE-HB1E4R7R
PAN	EEE-HB1E6R8R
PAN	EEE-HB1H100AP
PAN	EEE-HB1H100P
PAN	EEE-HB1H1R0R
PAN	EEE-HB1H2R2R
PAN	EEE-HB1H330AP
PAN	EEE-HB1H3R3R
PAN	EEE-HB1H470AP
PAN	EEE-HB1H470P
PAN	EEE-HB1H4R7R
PAN	EEE-HB1H6R8R
PAN	EEE-HB1V100AR
PAN	EEE-HB1V100R
PAN	EEE-HB1V220AP
PAN	EEE-HB1V220P
PAN	EEE-HB1V330AP
PAN	EEE-HB1V330P
PAN	EEE-HBC470UAR
PAN	EEE-HBH101UAP
PAN	EEE-HBH221UAP
PAN	EEE-HBJ101UAR
PAN	EEE-HCOJ101P
PAN	EEE-HCOJ102P
PAN	EEE-HCOJ470R
PAN	EEE-HC1A221P
PAN	EEE-HC1C100R
PAN	EEE-HC1C101XP
PAN	EEE-HC1C220R
PAN	EEE-HC1C470P
PAN	EEE-HC1E101P
PAN	EEE-HC1E330P
PAN	EEE-HC1E331P
PAN	EEE-HC1E470XP
PAN	EEE-HC1H100P
PAN	EEE-HC1H101P
PAN	EEE-HC1H220XP

PAN	EEE-HC1H3R3R
PAN	EEE-HC1H470P
PAN	EEE-HC1H4R7R
PAN	EEE-HC1V100R
PAN	EEE-HC1V220P
PAN	EEE-HC1V221P
PAN	EEE-HC1V4R7R
PAN	EEE-HDOJ102AP
PAN	EEE-HD1A101AP
PAN	EEE-HD1A221AP
PAN	EEE-HD1A222AQ
PAN	EEE-HD1C100AR
PAN	EEE-HD1C220AR
PAN	EEE-HD1C221AP
PAN	EEE-HD1C471AP
PAN	EEE-HD1E100AR
PAN	EEE-HD1E101AP
PAN	EEE-HD1E330AP
PAN	EEE-HD1E470AP
PAN	EEE-HD1E4R7AR
PAN	EEE-HD1H100P
PAN	EEE-HD1H101P
PAN	EEE-HD1H1R0R
PAN	EEE-HD1H220P
PAN	EEE-HD1H2R2R
PAN	EEE-HD1H330P
PAN	EEE-HD1H470P
PAN	EEE-HD1H4R7R
PAN	EEE-HD1J220P
PAN	EEE-HD1J330P
PAN	EEE-HD1V100AR
PAN	EEE-HD1V101AP
PAN	EEE-HD1V220AP
PAN	EEE-HD1V221AP
PAN	EEE-HD1V330AP
PAN	EEE-HD1V470AP
PAN	EEE-HD1V4R7AR
PAN	EEE-HD2A100P
PAN	EEE-HD2A220P
PAN	EEE-HD2A3R3P
PAN	EEE-HDV470XAP
PAN	EEE-T1VA470WP
PAN	EEE-TG1A101P
PAN	EEE-TG1C101P
PAN	EEE-TG1C331UP
PAN	EEE-TG1E101P



PAN	EEE-TG1E221UP
PAN	EEE-TG1E331UP
PAN	EEE-TG1E470P
PAN	EEE-TG1H100P
PAN	EEE-TG1H101UP
PAN	EEE-TG1H330UP
PAN	EEE-TG1H470P
PAN	EEE-TG1H470UP
PAN	EEE-TG1J101UP
PAN	EEE-TG1J220P
PAN	EEE-TG1J470P
PAN	EEE-TG1J470UP
PAN	EEE-TG1V101P
PAN	EEE-TG1V101UP
PAN	EEE-TG1V221UP
PAN	EEE-TG1V330P
PAN	EEE-TG1V470P
PAN	EEE-TG2A100P
PAN	EEE-TG2A220UP
PAN	EEE-TG2A330P
PAN	EEE-TK1A471UP
PAN	EEE-TK1E221UP
PAN	EEE-TK1V101UP
PAN	EEE-TK1V221UP
PAN	EEE-TP1C471AP
PAN	EEE-TP1E221AP
PAN	EEE-TP1E331AP
PAN	EEE-TP1V101AV
PAN	EEE-TP1V221AP
PAN	EEE-TP1V221FV
PAN	EEE-TPC101XAP
PAN	EEE-TPV470XAP
PAN	EEV-EB2C100Q
PAN	EEV-EB2G3R3Q
PAN	EEV-EB2G4R7Q
PAN	EEV-EB2W2R2Q
PAN	EEV-EB2W3R3Q