

To:

Change Notice

Regarding changes in Reel packaging material
(Light touch switch · Variable Resistor · Rotary Encoder)

* If you approve this specification,
please fill in and sign the below and return to us.

Approval Date :
Executed by :
(Signature)

Engineering Group, Input Device Division

Electromechanical Components Business Division
Automotive and Industrial Systems Company

Panasonic Corporation

27.Feb,2017

Change notice

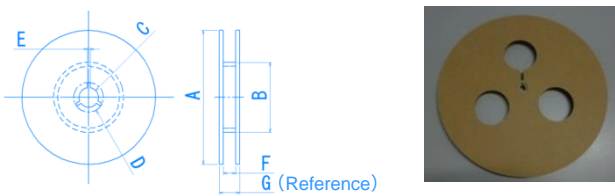
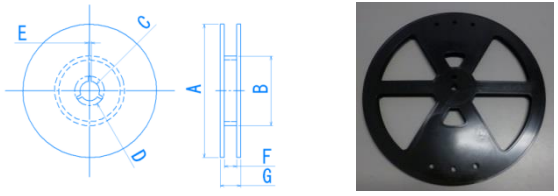
Regarding changes in packaging material (Reel material)

1. Purpose

We will abolish the paper reel and change it to the plastic reel for the purpose of quality improvement.

2. Contents

(1) Reel material and Weight, dimension

Reel specification	Before	After
Material	Paper (Cardboard)	PS (Polystyrene)
Shape		
Weight	(120~130g)	(270~320g) *There are difference depending on the makers

Reel size	A		B	C	D		E	F			G		
	12,16mm	24mm			12,16mm	24mm		12mm	16mm	24mm	12mm	16mm	24mm
Before (Paper)	Φ370 ±2.0	Φ380 ±2.0	Φ50 min.	Φ13 ±0.5	Φ21 ±1.0	Φ21 ±2.0	2.0 ±0.5	14.0 ±1.5	18.0 ±1.5	26.0 ±2.0	(18)	(22)	(32)
After (Polystyrene)	Φ380 ±2.0		Φ80 ±1.0	Φ13 ±0.2	Φ21 ±0.8		2.0 ±0.5	13.4 ±1.0	17.4 ±1.0	25.4 ±1.0	17.4 ±1.0	21.4 ±1.0	29.4 ±1.0

(2) Product cost : No change

(3) Product number : No change

(4) MOQ : No change

*Reel dimension is designed by following JEITA ET-7200C.

*12mm/16mm/24mm dimension indicates the embossed tape width.

3. Switching period

We are planning to switch from paper reel to plastic reel during the period between May and June 2017.

4. Manufacturing Sites

Input Devices Business Unit, Electromechanical Control Business Division Panasonic Corporation (Japan)

Panasonic Industrial Devices (Qingdao) Co., Ltd. (China)

Panasonic Industrial Devices Malaysia Sdn. Bhd. (Malaysia)

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5. Products

Product name		Product type	Product No.	Emboss width	Other
Light Touch Switch	①	6mm Square Long Travel SMD Light Touch Switches	EVQP0/P1/9P1	12mm	-
	②	4.9mm Square SMD Light Touch Switches	EVQPL/3PL/5PL/PT	12mm	-
	③	4.7mm x 3.5mm SMD Light Touch Switches	EVQP2/P9/3P2	12mm	-
	④	6.2mm x 2.5mm Side-operational Edge Mount Light Touch Switches	EVQP4	12mm	-
	⑤	6.0mm x 3.5mm SMD Light Touch Switches	EVQPE1/PN/5P	12mm	-
	⑥	Small-sized Side-operational SMD Light Touch Switches	EVQPU	12mm	-
	⑦	Reflow Light Touch Switches	EVQPH	12mm/16mm	EOL
	⑧	Dip Light Touch Switches	EVQQF	12mm	EOL
	⑨	6.1 mm×4.0 mm Side-operational SMD Light Touch Switches	EVQPS	16mm	EOL
	⑩	4.5mm形SMD Light Touch Switches	EVQPQ	12mm	EOL
	⑪	6mm Square Reflow Light Touch Switches	EVQQH/QW/QX/QG	12mm	EOL
Variable Resistor	①	10mm GS sensor	EVWAE/AD	24mm	-
Rotary Encoder	①	10mm SMD Encoder	EVQVV	24mm	-

6. Change point

5M1E		Change	Detail
Men		No change	No change in worker
Machine		No change	No change in assembly machine
Material	Product	No change	No change in material
	Packing	Change	Change of reel material for embossed tape (Item 2. Contents)
Method		No change	No change in assembly process
Measurement Inspection		No change	No change in inspection machine and measurement item
Environment		No change	No change in assembly place