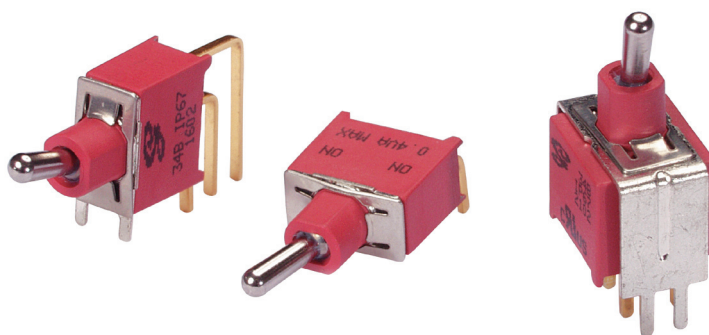


SERIES 34B

Sealed Miniature Toggle Switches

FEATURES

- Save Space and Weight
- SPDT, DPDT, and 3PDT Circuitry
- Choice of Actuators, Bushings and Terminations
- Sealed per IP67



MODELS in inches (and millimeters)

SPDT

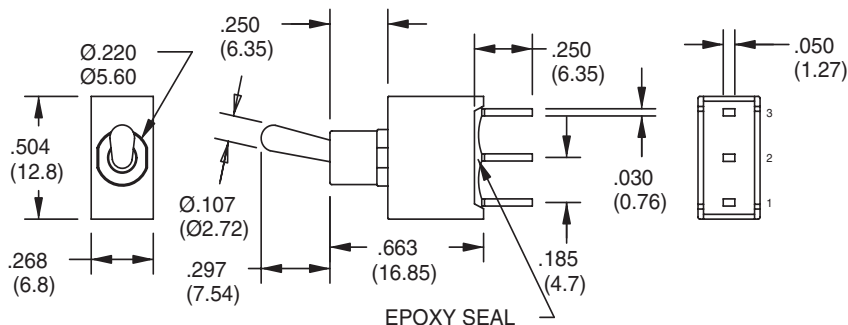
Model No.	Switching Position		
			
WSP1	ON	NONE	ON
WSP2	ON	NONE	(ON)
WSP3	ON	OFF	ON
WSP4	(ON)	OFF	(ON)
WSP5	ON	OFF	(ON)
Term. Comm.	2-3	OPEN	2-1

()=MOMENTARY

SCHEMATIC

02COMM.

1



DPDT

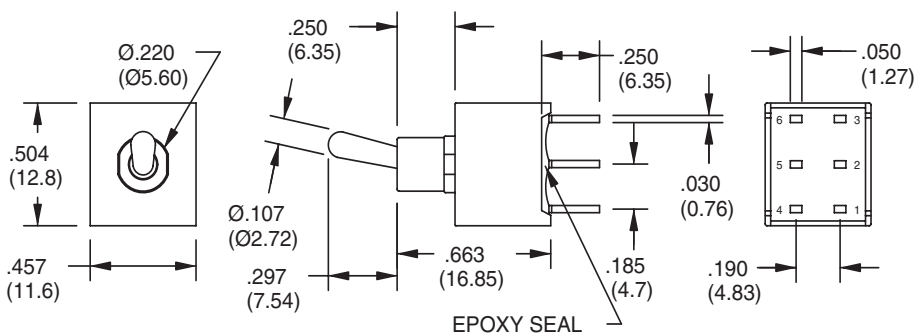
Model No.	Switching Position		
			
WDP1	ON	NONE	ON
WDP2	ON	NONE	(ON)
WDP3	ON	OFF	ON
WDP4	(ON)	OFF	(ON)
WDP5	ON	OFF	(ON)
Term. Comm.	2-3 5-6	OPEN	2-1 5-4

()=MOMENTARY

SCHEMATIC

02COMM. 05COMM.

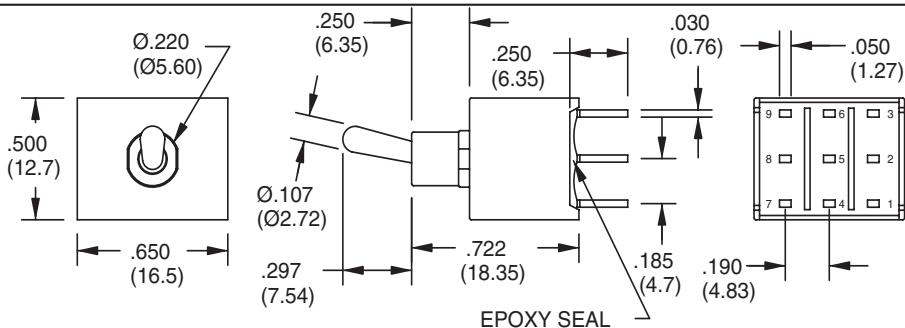
1 3 4 6



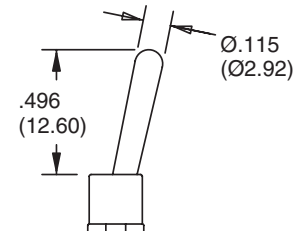
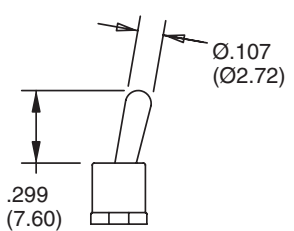
3PDT

Model No.	Switching Position		
			
W3P1	ON	NONE	ON
W3P2	ON	NONE	(ON)
W3P3	ON	OFF	ON
W3P4	(ON)	OFF	(ON)
W3P5	ON	OFF	(ON)
Term. Comm.	2-3 5-6	OPEN	2-1 5-4

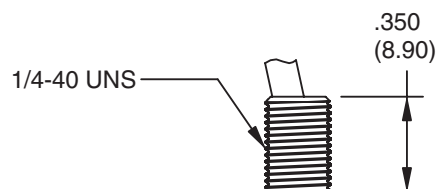
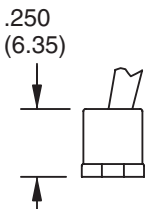
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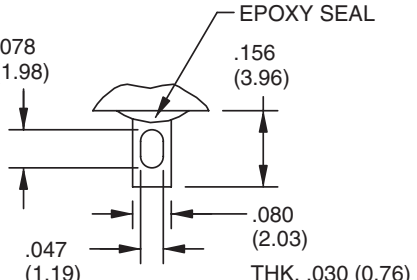
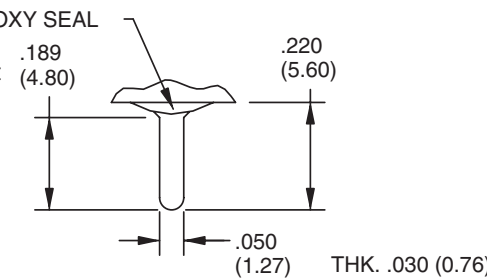
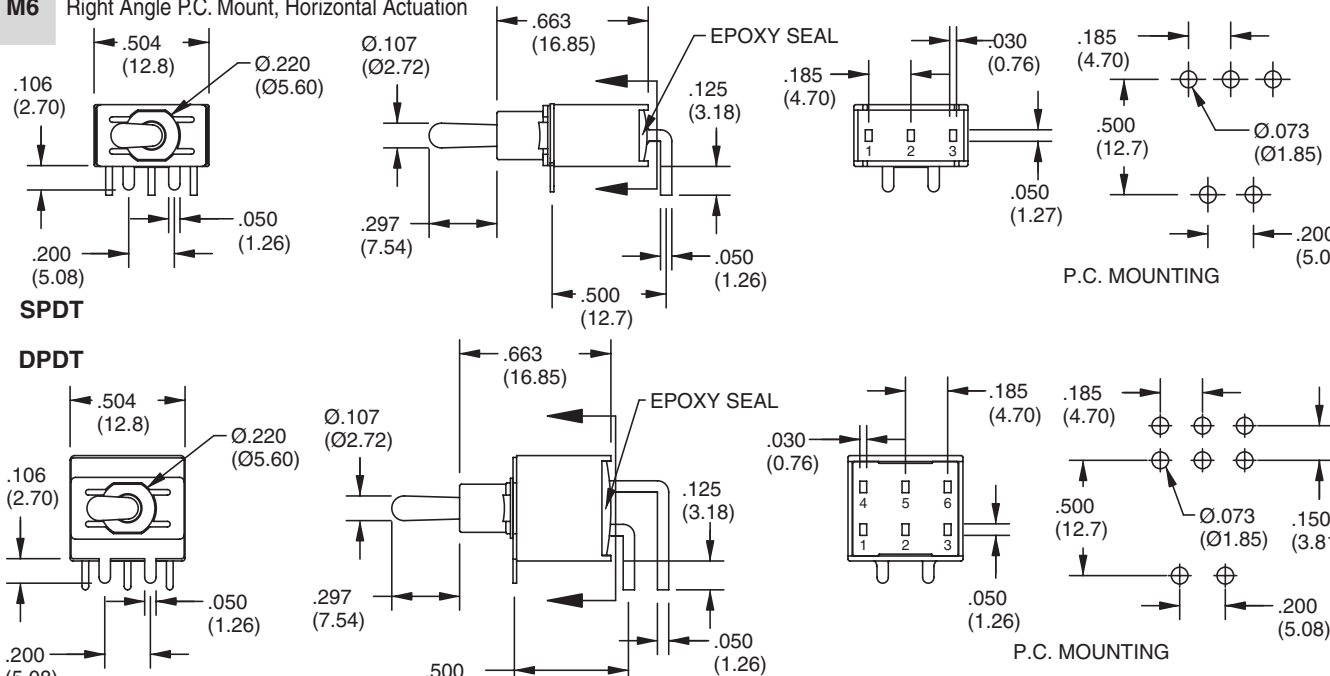
ACTUATOR OPTIONS in inches (and millimeters)

1  Ø.115 (Ø2.92) .496 (12.60) SUBTRACT .079 (2.00) FOR BUSHING OPTION B1	2 Std  Ø.107 (Ø2.72) .299 (7.60) SUBTRACT .083 (2.10) FOR BUSHING OPTION B1
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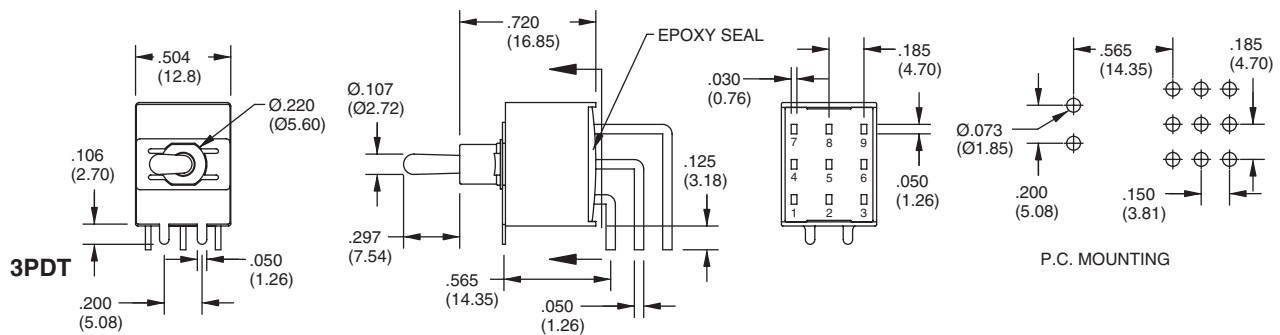
BUSHING OPTIONS in inches (and millimeters)

B1  .350 (8.90) 1/4-40 UNS	B4 Std  .250 (6.35)
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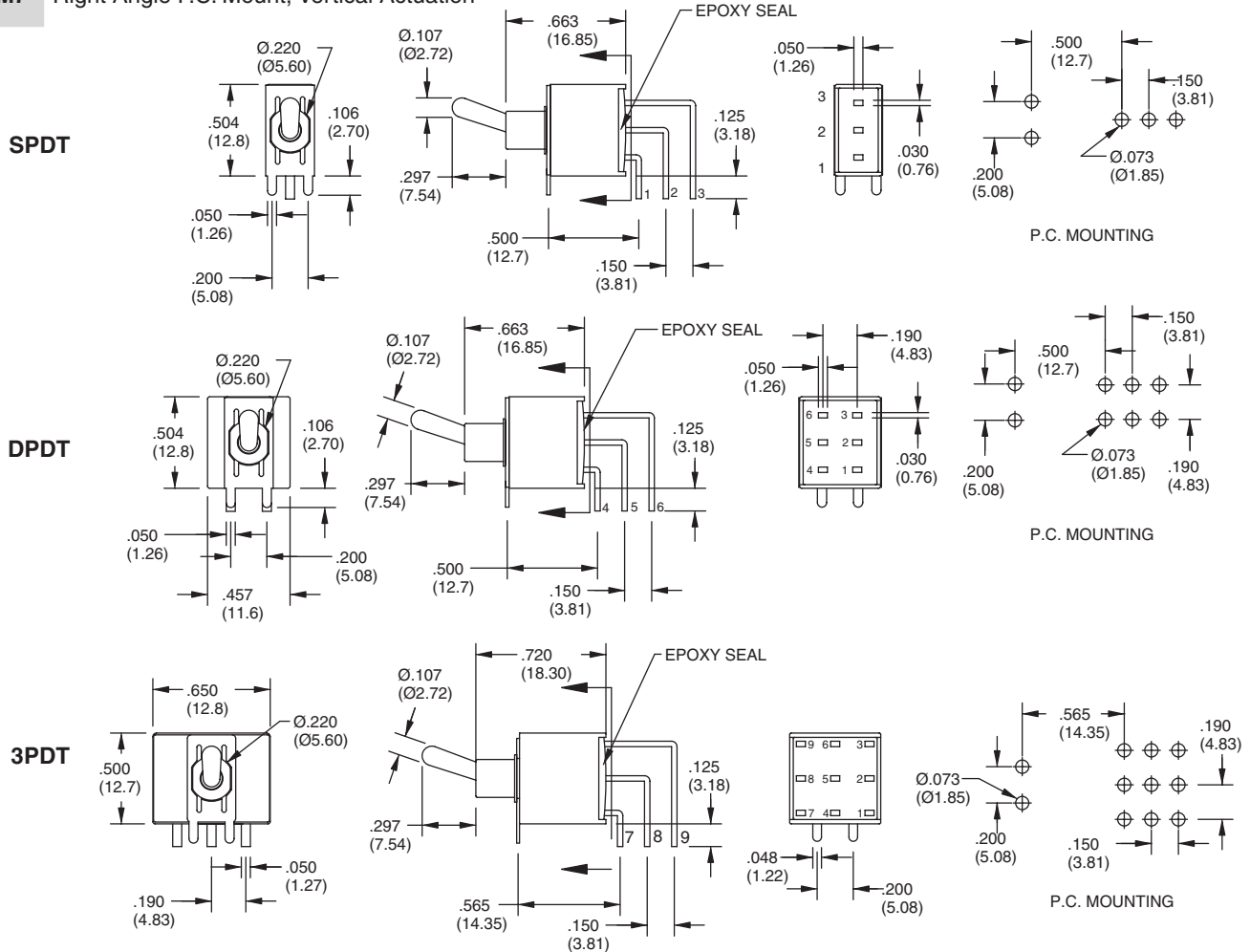
TERMINATION OPTIONS in inches (and millimeters)

M1 Solder Lug  EPOXY SEAL .078 (1.98) .156 (3.96) .080 (2.03) .047 (1.19) THK. .030 (0.76)	M2 P.C. Mount (Std)  EPOXY SEAL .189 (4.80) .220 (5.60) .050 (1.27) THK. .030 (0.76)
M6 Right Angle P.C. Mount, Horizontal Actuation  .504 (12.8) .106 (2.70) Ø.220 (Ø5.60) .073 (Ø1.85) .185 (4.70) .200 (5.08) .050 (1.26) EPOXY SEAL THK. .030 (0.76) .663 (16.85) .125 (3.18) .297 (7.54) .500 (12.7) .050 (1.26) .030 (0.76) .185 (4.70) .050 (1.27) P.C. MOUNTING SPDT DPDT P.C. MOUNTING	

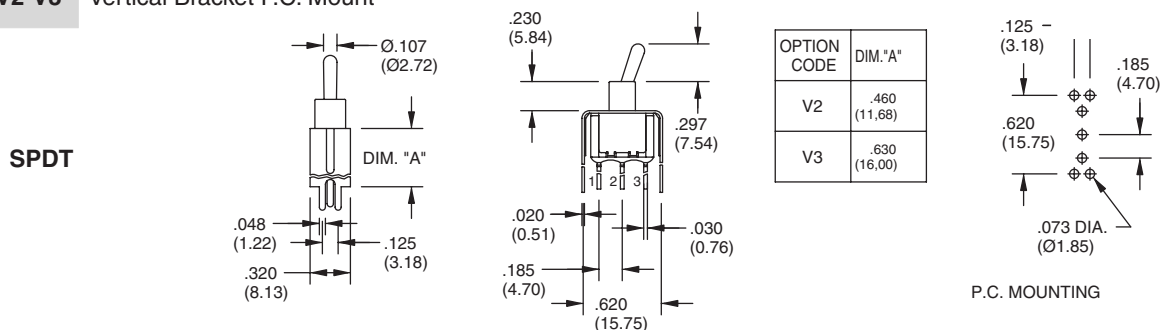
TERMINATION OPTIONS in inches (and millimeters)

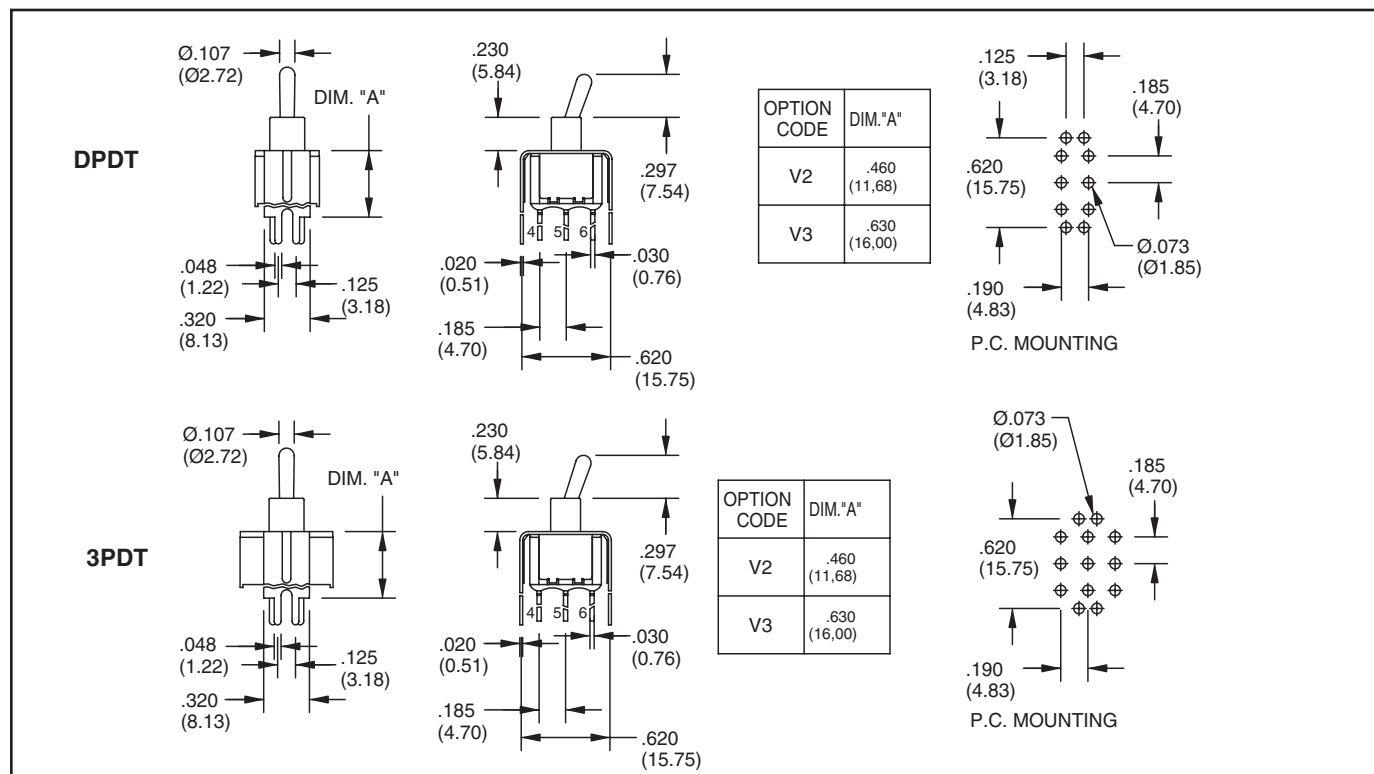


M7 Right Angle P.C. Mount, Vertical Actuation



V2-V3 Vertical Bracket P.C. Mount



TERMINATION OPTIONS in inches (and millimeters)

SPECIFICATIONS
RATINGS

Contact Rating: Q option - 5A with resistive load @ 125VAC or 28 VDC; 2A with resistive load @ 250 VAC. R option-0.4 VA max @ 20 Vmax (AC or DC)

Electrical Life: 50,000 make-and-break cycles at full load

Contact Resistance: 10 milliohms max. initial @ 2-4 VDC, 100 mA

Insulation Resistance: 1,000 megaohms min
Dielectric Strength: 1,500 V RMS @ sea level
Operating Temperature: -30°C to 85°C

MATERIALS

Case and Bushings: Glass-filled nylon 6/6, flame retardant, heat stabilized (UL94V-0)
Frame: Spring steel

Actuator: Brass, chrome plated. Internal O-ring seal standard with all actuators.

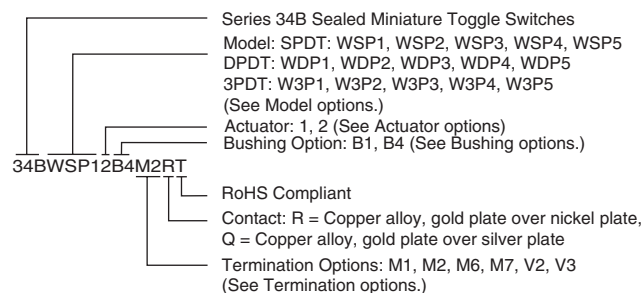
Switch Support: Brass, tin-plated

Actuator Pivot & Mounting Bracket: Nylon

Actuator Pivot Retainer: Stainless Steel

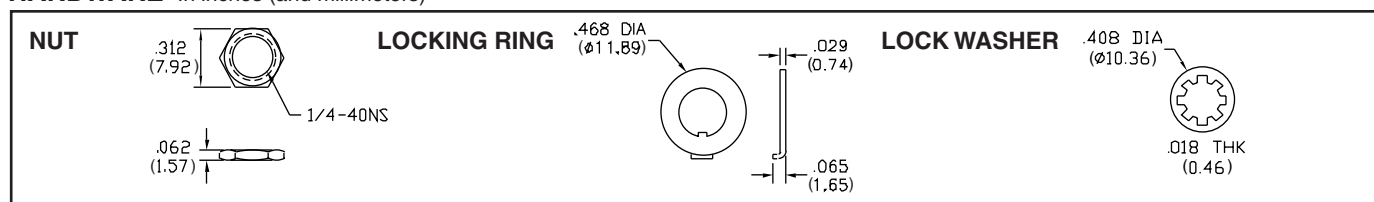
Terminal and Contacts: Copper alloy with plated over nickel or silver plate

Terminal Seal: Epoxy

ORDERING INFORMATION


Available from your local Grayhill Component Distributor.

For prices and discounts, contact a local Sales Office, an authorized local Distributor or Grayhill.

HARDWARE In inches (and millimeters)


Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Grayhill:

<u>34BW3P11B1M1RT</u>	<u>34BW3P11B4M7QT</u>	<u>34BW3P12B1M6QT</u>	<u>34BW3P12B4M1QT</u>	<u>34BW3P12B4M1RT</u>
<u>34BW3P12B4M6QT</u>	<u>34BW3P12B4M7QT</u>	<u>34BW3P31B1M1QT</u>	<u>34BW3P32B4M1QT</u>	<u>34BW3P32B4M1RT</u>
<u>34BWDP11B1M1RT</u>	<u>34BWDP11B4M2QT</u>	<u>34BWDP11B4M6QT</u>	<u>34BWDP11B4M6RT</u>	<u>34BWDP11B4V2QT</u>
<u>34BWDP11B4V3QT</u>	<u>34BWDP11B4V3RT</u>	<u>34BWDP12B1M1RT</u>	<u>34BWDP12B1M2RT</u>	<u>34BWDP12B4M1RT</u>
<u>34BWDP12B4M6QT</u>	<u>34BWDP12B4M7QT</u>	<u>34BWDP12B4V2QT</u>	<u>34BWDP12B4V3RT</u>	<u>34BWDP21B4M2QT</u>
<u>34BWDP31B1M1QT</u>	<u>34BWDP31B1M1RT</u>	<u>34BWDP31B4M2QT</u>	<u>34BWDP31B4M7QT</u>	<u>34BWDP31B4V2QT</u>
<u>34BWDP32B1M1QT</u>	<u>34BWDP32B1M1RT</u>	<u>34BWDP32B4M7GT</u>	<u>34BWDP32B4V2QT</u>	<u>34BWDP41B1M1RT</u>
<u>34BWDP41B4M2QT</u>	<u>34BWDP52B1M1QT</u>	<u>34BWDP52B4M6QT</u>	<u>34BWSP11B1M1QT</u>	<u>34BWSP11B1M1RT</u>
<u>34BWSP11B1M2RT</u>	<u>34BWSP11B1M6RT</u>	<u>34BWSP11B1M7RT</u>	<u>34BWSP11B4M1RT</u>	<u>34BWSP11B4M7RT</u>
<u>34BWSP11B4V2QT</u>	<u>34BWSP11B4V3RT</u>	<u>34BWSP12B1M1QT</u>	<u>34BWSP12B1M1RT</u>	<u>34BWSP12B1M2RT</u>
<u>34BWSP12B4M2RT</u>	<u>34BWSP12B4M6QT</u>	<u>34BWSP12B4M6RT</u>	<u>34BWSP12B4M7QT</u>	<u>34BWSP12B4M7RT</u>
<u>34BWSP12B4V2RT</u>	<u>34BWSP21B1M1RT</u>	<u>34BWSP22B4M2QT</u>	<u>34BWSP31B1M1QT</u>	<u>34BWSP31B1M1RT</u>
<u>34BWSP31B4M2RT</u>	<u>34BWSP31B4M7RT</u>	<u>34BWSP31B4V2RT</u>	<u>34BWSP32B1M2QT</u>	<u>34BWSP32B4M7GT</u>
<u>34BWSP32B4M7RT</u>	<u>34BWSP41B1M1RT</u>	<u>34BWSP41B4V2QT</u>	<u>34BWSP41B4V3RT</u>	<u>34BWSP42B4V3RT</u>
<u>34BWSP51B1M1QT</u>	<u>34BWSP51B1M2RT</u>	<u>34BWSP51B4V3QT</u>	<u>34BWSP52B1M1QT</u>	<u>34BWSP52B1M2QT</u>
<u>34BWSP52B1M2RT</u>	<u>34BWSP52B4M2QT</u>	<u>34BWSP52B4M7QT</u>		