

SUBSTITUTION GUIDE

A summary of Bourns® Trimpot® alternatives for models not available or out of stock.

SQUARE MULTITURNS

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
3223W	None	None
3214G	3224G ¹¹	None
3214J	3224J ¹¹	None
3214W	3224W ¹¹	None
3214X	3224X ¹¹	None
3224G	3214G ¹²	None
3224J	3214J ¹²	None
3224W	3214W ¹²	None
3224X	3214X ¹²	None
3250L	RT22C2L	RTR22DL
3250P	RT22C2P	RTR22DP
3250W	RT22C2W	RTR22DW
3250W-66	RT22C2X	RTR22DX
*3251L	3252L ⁹	None
*3251P	3252P ⁹	3296P ^{1,2,9}
*3251W	3252W ⁹	3296W ^{1,2,9}
*3251W-66	3252X ⁹	3296X ^{1,2,9}
3252L	RJ22FL	None
3252P	RJ22FP	3296P ^{1,2}
3252W	RJ22FW	3296W ^{1,2}
3252X	RJ22FX	3296X ^{1,2}
*3255L	3250L	None
*3255P	3250P	3290P ^{2,14}
*3255W	3250W	3290W ^{2,14}
*3255W-66	3250W-66	3290H ^{2,14}
3260H	RT26C2X	3266X ^{6,8}
3260W	RT26C2W	3266W ^{6,8}
3262P	RJ26FP	3266P
3262W	RJ26FW	3266W ⁶
3262X	RJ26FX	3266X ⁶
3266P	3262P	RJ26FP
3266W	3262W	RJ26FW
3266X	3262X	RJ26FX
3266Y ¹⁰	None	None
3266X ¹⁰	None	None
3269P	None	None
3269W	None	None
3269X	None	None
*3272A	None	None
*3272C	None	None
*3279W	3266W ³	3262W ³
*3279X	3266X ³	3262X ³
*3280L	None	None
*3280P	3290P	3296P ^{8,13}
*3280W	3290W	3296W ^{8,13}
*3280W-66	3290H	3296X ^{8,13}

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
*3281L	None	3292L ^{9,13}
*3281P	3296P ^{9,13}	3292P ^{9,13}
*3281W	3296W ^{9,13}	3292W ^{9,13}
*3281W-66	3296X ^{9,13}	3292X ^{9,13}
*3282L	None	3292L
*3282H	3296X	3292X
*3282P	3296P	3292P
*3282W	3296W	3292W
*3290L	None	3292L ⁸
3290H	3296X ^{4,8}	3292X ⁸
3290P	3296P ^{4,8}	3292P ⁸
3290W	3296W ^{4,8}	3292W ⁸
3292L	None	RJ24FL
3292P	3296P ⁴	RJ24FP ⁴
3292W	3296W ⁴	RJ24FW ⁴
3292X	3296X ⁴	RJ24FX ⁴
3296P	3292P	RJ24FP
3296W	3292W	RJ24FW
3296X	3292X	RJ24FX
3296Y ¹⁰	3299Y ^{7,10}	None
3296Z ¹⁰	3299Z ^{7,10}	None
3299P	3296P	3292P
3299W	3296W	3292W
3299X	3296X	3292X
3299Y ¹⁰	3296Y ¹⁰	None
3299Z ¹⁰	3296Z ¹⁰	None

NOTES SHOWING VARIATION OF ALTERNATIVES:

- ¹ Part is smaller (3/8 " x 3/8 " sq. x .19 " in lieu of 1/2 " x 1/2 " sq. x .22 ").
- ² Power rating is lower (0.5 watt at 85 °C in lieu of 1.0 watt at 85 °C).
- ³ Adjust counterclockwise instead of clockwise.
- ⁴ Part is thicker (.190 " in lieu of .150 ").
- ⁵ Part is taller (.395 " in lieu of .375 ").
- ⁶ Part is taller (.270 " in lieu of .250 ").
- ⁷ Part is thicker (.240 " in lieu of .190 ").
- ⁸ Cermet element in lieu of wirewound element.
- ⁹ Cermet element in lieu of carbon element.
- ¹⁰ Available on tape and reel.
- ¹¹ 11 turns vs. 5 turns.
- ¹² 5 turns vs. 11 turns.
- ¹³ No center hole.
- ¹⁴ Part is smaller (3/8 " x 3/8 " sq. x .15 " in lieu of 1/2 " sq. x .22 ").

*Obsolete model.
 Not recommended for new designs.

Refer to Bourns® product data sheets for specifications of alternate models.

SUBSTITUTION GUIDE

RECTANGULAR MULTITURNS

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
20P	None	None
*200L	3057L ^{1,9}	3059L ^{4,9}
*200P	3057Y ⁹	3059Y ^{4,9}
*200S	3057J ⁹	3059J ^{4,9}
*215L	3059L ^{1,9,10}	None
*215P	3059Y ^{9,10}	None
*215S	3059J ^{9,10}	None
*220L	None	None
*220P	None	None
*220W	None	None
*224L	3057L ¹	3059L ^{1,4}
*224P	3057P	3059P ⁴
*224S	3057J ²	3059J ^{2,4}
*235L	3059L ^{1,9,10}	None
*235P	3059Y ^{9,10}	None
*235S	3059J ^{3,9,10}	None
*236L	3057L ^{1,9}	3059L ^{1,4,9}
*236P	3057Y ⁹	3059Y ^{4,9}
*236S	3057J ^{3,9}	3059J ^{3,4,9}
*260L	3057L ^{1,9}	3059L ^{1,4,9}
*260P	3057Y ⁹	3059Y ^{4,9}
*260S	3057J ^{3,9}	3059J ^{3,4,9}
*271	3057L ^{1,9}	3059L ^{1,4,9}
*273	3057J ⁹	3059J ^{4,9}
*275	3057Y ⁹	3059Y ^{4,9}
*272	3059L ^{1,9,10}	None
*274	3059Y ^{9,10}	None
*276	3059J ^{9,10}	None
3005P	3006P ⁴	None
3006P	3009P ⁵	None
3006W	None	None
3006Y	3009Y ⁵	None
*3007P	3005P	3006P ⁴
3009P	3006P ⁶	None
3009Y	3006Y ⁶	None
*3010L	3057L ^{1,9}	None
*3010P	3057Y ⁹	None
*3011L	3059L ^{1,9,10}	None
*3011P	3059Y ^{9,10}	None
*3012L	3059L ^{1,9}	None
*3012P	3059Y ⁹	None
*3020L	None	None
*3051L	3059L ^{1,10}	None
*3051P	3059P ¹⁰	None
*3051S	3059J ^{2,10}	None
*3052L	3059L ¹	None
*3052P	3059P	None
*3052S	3059J ²	None
*3052Y	3059Y	None

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
3057L	3059L ⁴	None
3057J	3059J ⁴	None
3057P	3059P ⁴	None
3057Y	3059Y ⁴	None
3059L	3057L ¹²	None
3059J	3057J ¹²	None
3059P	3057P ¹²	None
3059Y	3057Y ¹²	None
*3065P	3006W ^{4,6,8}	None
*3066P	3006W ^{6,8,10}	None
*3067P	3006W ^{4,6,8}	None
*3067S	None	None
*3068P	None	None
*3068S	None	None
*3069P	3006W ⁶	None
3082P	None	None
3082P-45	None	None
*3095P	None	None
*3099P	None	None

NOTES SHOWING VARIATION OF ALTERNATIVES:

- ¹ Leads are shorter (6 " min. in lieu of 11.5 " min.).
- ² Solder hooks located on bottom of part in lieu of end.
- ³ Solder hooks in lieu of solder terminals.
- ⁴ Cermet element in lieu of wirewound element.
- ⁵ Part height is higher (.350 " in lieu of .250 ").
- ⁶ Part height is lower (.250 " in lieu of .350 ").
- ⁷ Part width is larger (.28 " in lieu of .19 ").
- ⁸ Part is shorter (.75 " in lieu of 1.0 " long).
- ⁹ Part width is smaller (.19 " in lieu of .28 ").
- ¹⁰ Cermet element in lieu of carbon element.
- ¹¹ Pin spacing and body size not identical.
- ¹² Wirewound element in lieu of cermet element.

*Obsolete model.
 Not recommended for new designs.

Refer to Bourns® product data sheets for specifications of alternate models.

SUBSTITUTION GUIDE

SINGLE-TURNS (Continued on next page)

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
*3300P	3345P ¹	3362P ¹¹
*3300S	None	None
*3300W	3345W ²	3362X ¹¹
*3301P	3329P ^{3,10}	3362P ^{3,10,17}
*3301S	None	None
*3301W	3329W ¹⁰	3362W ^{10,17}
*3302W-1	3302W-3	None
*3302X-1	3302X-3	None
*3302W-2	3302W-3	None
*3302X-2	3302X-3	None
3302W-3	None	None
3302X-3	None	None
*3303W-1	3303W-3	None
*3303X-1	3303X-3	None
*3303W-2	3303W-3	None
*3303X-2	3303X-3	TC03X
3303W-3	None	None
3303X-3	TC33X	TC03X
3303W-4	None	None
3303X-4	None	None
3303C-1	None	None
3303D-1	None	None
*3304A	3364A	None
*3304B	3364B	None
*3304C	None	None
*3304D	None	None
*3304W	3364W	None
*3304X	3364X	None
*3305P	3345P ¹	3362P ¹¹
*3305W	3345W ²	3362X ¹¹
3306F	3318P ¹⁶	None
3306K	3318B ¹⁶	None
3306P	3362P	None
3306W	3318S ¹⁶	None
*3307P	3345P ¹	3362P ¹¹
*3307W	3345W ²	3362X ¹¹
3309P	3386G	3319P ¹⁶
3309W	3386V	3319W ¹⁶
3313J	TC33X ^{3,8}	3303W ^{3,8}
3313S	None	None
3314G	None	None
3314H	None	None
3314J	None	None
3314Z	None	None
*3314S	3314Z	None
*3316F	3318P	3306F ¹⁰
*3316K	3318B	3306K ¹⁰
*3316P	3362P ^{10,12}	3306P ¹⁰
*3316W	3318S	3306W ¹⁰
3318F	3318P	3306F ¹⁰
3318K	3318S	3306K ¹⁰
3318P	3318F	3306F ¹⁰
3318S	3318K	3306K ¹⁰
3318B	None	None
3318G(A) ¹⁴	None	None
3318S(A) ¹⁴	None	None
3318B(A)	None	None

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
3319P	3309P ¹⁰	3386G ^{10,17}
3319W	3309W ¹⁰	3386V ^{10,17}
*3322P	3329P	3362P ¹⁷
*3323P	3362P	3329P ¹⁸
*3323S	3362S	3329S ¹⁸
*3323U	3362U	None
*3323W	3362W	3329W ¹⁸
*3223X	3362X	3329X ¹⁸
*3324G	3314G	None
*3324J	3314J	None
*3325P	3361P ¹⁵	None
*3325W	3361S ¹⁵	None
*3325X	3361S ¹⁵	None
*3326H	3329H	3362H ¹⁷
*3326P	3329P	3362P ¹⁷
*3328P	3319P ¹⁹	3386G ¹⁹
*3328W	3319W ¹⁹	3386V ¹⁹
3329H	3362H ¹⁷	3339H
3329M(R) ¹³	3362M(R) ^{13,17}	None
3329P	3362P ¹⁷	None
3329S	3362S ¹⁷	None
3329U(R) ¹³	3362U(R) ^{13,17}	None
3329W	3362W ¹⁷	None
3329X	3362X ¹⁷	None
3329P-DK9	3362P ¹⁷	None
*3335A	None	None
*3335B	None	None
*3335C	None	None
*3335W	None	None
*3335X	None	None

NOTES SHOWING VARIATION OF ALTERNATIVES:

- Part is larger (1/2 " dia. in lieu of 5/16 " dia.).
- Part is larger (.450 " L x .285 " W x .450 " H in lieu of .321 " L x .250 " W x .370 " H).
- Pins 1 and 3 are reversed.
- Part is larger (.300 " dia. in lieu of .250 " dia.).
- 4 turns in lieu of 1 turn.
- 1 turn in lieu of 4 turns.
- Part is larger (.38 " L x .40 " W x .24 " H in lieu of .35 " L x .375 " W x .21 " H).
- Unsealed in lieu of sealed.
- Power rating is lower.
- Cermet element in lieu of carbon element.
- Cermet element in lieu of wirewound element.
- Sealed in lieu of open frame construction.
- (R) Available on tape and reel.
- (A) Available on ammo pack.
- Different pad layout. Consult with Application Engineer.
- Carbon element in lieu of cermet element.
- Part is square vs. round.
- Part is round vs. square.
- Cermet element in lieu of conductive plastic element.

*Obsolete model.

Not recommended for new designs.

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SUBSTITUTION GUIDE

SINGLE-TURNS (Continued from previous page)

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
3339H	3329H ⁶	3362H ^{6,17}
3339P	3329P ⁶	3362P ^{6,17}
3339W	3329X ⁶	3362X ^{6,17}
3339S	3329S ⁶	3362S ^{6,17}
3345P	3329P ¹¹	3362P ^{11,17}
3345W	3329X ¹¹	3362X ^{11,17}
*3351P	None	None
*3351W	3352V ¹⁰	None
3352E	3309P	3386G ^{7,12}
3352H	3306W	3362X ¹²
3352K	3309W	3386V ^{7,12}
3352P	3306P ³	3362P ^{3,12}
3352T	3362U ¹²	None
3352V	None	None
3352W	3386W ^{7,12}	3362M ¹²
*3353P	None	None
*3353W	3352V ¹⁰	None
*3355U	None	None
*3355W	3352V ¹⁰	None
*3359P	3386G	3309P
*3359W	3386V	3309W
3361P	None	None
3361S	None	None
3362H	3329H ¹⁸	None
3362M(R)	3329M(U) ^{13,18}	None
3362U(R)	3329U(R) ^{13,18}	None
3362P	3329P ¹⁸	None
3362S	3329S ¹⁸	None
3362M	None	None
3362U	None	None
3362W	3329W ¹⁸	None
3362X	3329X ¹⁸	None
3362R	None	None
3362Z	None	None
*3363W	3303W-3	None
*3363X	3303X-3	TC33X
3364W	None	None
3364X	3314J ^{3,12}	None
3364A	None	None
3364B	None	None
*3365P	3345P	3362P ^{11,17}
*3365W	3345W	3362X ^{11,17}
*3367P	3345P	3362P ^{11,17}
*3367S	None	None
*3368P	None	None
*3368S	None	None
*3373J	3313J	3303W ^{3,8}
*3374W	None	3364W ⁸
*3374X	3314J ³	3364X ⁸

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
3386B	None	None
3386C	3362M	None
3386H	3362X	3329X ¹⁸
3386J	None	None
3386S	None	None
3386W	3362M	None
3386X	3362W	3329W ¹⁸
3386F	None	None
3386K	3362H	3329H ¹⁸
3386M	None	None
3386P	3362P	3329P ¹⁸
3386R	None	None
3386T	None	None
3386U	3362U	None
3386Y	None	None
3386G	None	None
3386V	None	None
3386W(R) ¹³	3362M(R) ¹³	3329M(R) ^{13,18}
3386U(R) ¹³	3362U(R) ¹³	3329U(R) ^{13,18}
*3389D	None	None
*3389H	3386H	3362X ³
*3389P	3386P	3362P
*3389R	3386R	None
*3389S	3386S	None
*3389T	3386R-Y98	None
*3389W	3386W	3362M

NOTES SHOWING VARIATION OF ALTERNATIVES:

- ¹ Part is larger (1/2 " dia. in lieu of 5/16 " dia.).
- ² Part is larger (.450 " L x .285 " W x .450 " H in lieu of .321 " L x .250 " W x .370 " H).
- ³ Pins 1 and 3 are reversed.
- ⁴ Part is larger (.300 " dia. in lieu of .250 " dia.).
- ⁵ 4 turns in lieu of 1 turn.
- ⁶ 1 turn in lieu of 4 turns.
- ⁷ Part is larger (.38 " L x .40 " W x .24 " H in lieu of .35 " L x .375 " W x .21 " H).
- ⁸ Unsealed in lieu of sealed.
- ⁹ Power rating is lower.
- ¹⁰ Cermet element in lieu of carbon element.
- ¹¹ Cermet element in lieu of wirewound element.
- ¹² Sealed in lieu of open frame construction.
- ¹³ (R) Available on tape and reel.
- ¹⁴ (A) Available on ammo pack.
- ¹⁵ Different pad layout. Consult with Application Engineer.
- ¹⁶ Carbon element in lieu of cermet element.
- ¹⁷ Part is square vs. round.
- ¹⁸ Part is round vs. square.
- ¹⁹ Cermet element in lieu of conductive plastic element.

* Obsolete model.
 Not recommended for new designs.

Refer to Bourns® product data sheets for specifications of alternate models.

SUBSTITUTION GUIDE

SINGLE-TURNS (Continued from previous page)

Customer Requesting	1st Alternative Model/Pin Style	2nd Alternative Model/Pin Style
TC03X-2	3303X-2	TC33X-2 ²⁰
TC33X-2	TC03X-2 ²¹	3303X-2 ²¹
TC73X-1	TC33X-2	TC03X-2 ²¹
TC73X-2	TC03X-2	TC33X-2 ²⁰
*TC76W(A)	3318S(A)	None
*TC76W(R)	3318S(A)	None
*TC76N(A)	None	None
*TC76N(R)	None	None
*TC76G(A)	3318G(A)	None
*TC76G(R)	3318G(A)	None
*TC76B	3318S	None
*TC76Z	3318P	None
*TC76P	3362P	None
*TDB06-5	None	None
*TDB08-5	None	None
*TDB10-4	None	None
*TDB06-6	3318S	None
*TDB08-3	None	None
*TDB10-8	None	None

NOTES SHOWING VARIATION OF ALTERNATIVES:

- ¹ Part is larger (1/2 " dia. in lieu of 5/16 " dia.).
- ² Part is larger (.450 " L x .285 " W x .450 " H in lieu of .321 " L x .250 " W x .370 " H).
- ³ Pins 1 and 3 are reversed.
- ⁴ Part is larger (.300 " dia. in lieu of .250 " dia.).
- ⁵ 4 turns in lieu of 1 turn.
- ⁶ 1 turn in lieu of 4 turns.
- ⁷ Part is larger (.38 " L x .40 " W x .24 " H in lieu of .35 " L x .375 " W x .21 " H).
- ⁸ Unsealed in lieu of sealed.
- ⁹ Power rating is lower.
- ¹⁰ Cermet element in lieu of carbon element.
- ¹¹ Cermet element in lieu of wirewound element.
- ¹² Sealed in lieu of open frame construction.
- ¹³ (R) Available on tape and reel.
- ¹⁴ (A) Available on ammo pack.
- ¹⁵ Different pad layout. Consult with Application Engineer.
- ¹⁶ Carbon element in lieu of cermet element.
- ¹⁷ Part is square vs. round.
- ¹⁸ Part is round vs. square.
- ¹⁹ Cermet element in lieu of conductive plastic element.
- ²⁰ Rotational stop in lieu of no rotational stop.
- ²¹ No rotational stop in lieu of rotational stop.

*Obsolete model.

Not recommended for new designs.

Refer to Bourns® product data sheets for specifications of alternate models.



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