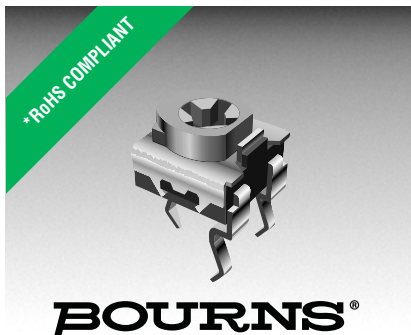




Features

- Single-Turn / Carbon / Commercial Open Frame
- Cross slot rotor design suitable for automatic adjustment equipment
- Board retention feature
- Enclosed cover
- PC board stand-offs

Model 3318 is currently available, although not recommended for new designs. Models 3306F & 3306K are preferred.

- Adjustable front/back, top/bottom
- RoHS compliant*
- For trimmer applications/processing guidelines, [click here](#)

3318 - 6 mm Square Timpot® Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range 100 to 1 megohm
(see standard resistance table)
Resistance Tolerance $\pm 30\%$
(tighter tolerances available)
Contact Resistance Variation...10 % max.
Resolution Infinite
Adjustment Angle $210^\circ \pm 20^\circ$

Environmental Characteristics

Power Rating
100-500K ohms 50 V
>500K ohms..... 25 V
50 °C 0.1 watt
Temperature Range ... -25 °C to +100 °C
Temperature Coefficient... ± 1000 ppm/°C
Load Life.. 1,000 hours 0.1 watt @ 70 °C
(20 % Δ TR)

Physical Characteristics

Torque (Operating) 20-250 g-cm
Stop Strength
Knob Side 750 g-cm
Reverse Side 350 g-cm
Terminals Solderable pins
Marking..... Resistance code, date code
Standard Packaging..... 500 pcs. per bag
Adjustment Tool..... H-90
Aqueous cleaning not recommended.

How To Order

3318 K - 1 - 103

Model _____
Style _____
Standard or Modified _____
Product Code _____
-1 = 30 % TR Tolerance (Standard)
-2 = 20 % TR Tolerance
Resistance Code _____
Packaging Options _____
Blank = 500 pcs./bag (Standard)
A = Ammo Pack - 1000 pcs./box

Standard Resistance Table

Resistance (Ohms)	Resistance Code
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105

Popular values listed in boldface. Others are typically not stocked by distributors and are not recommended for new designs.

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

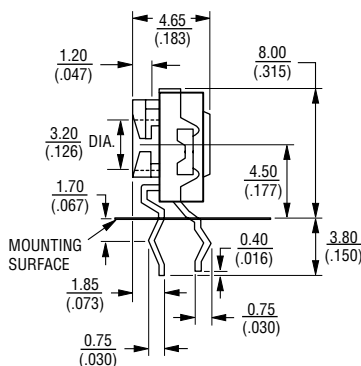
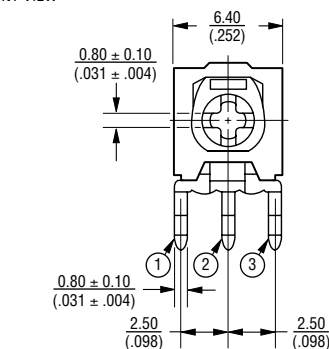
Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.

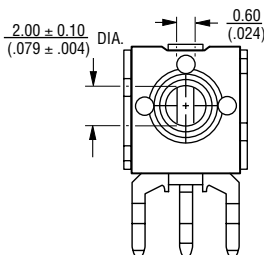
Product Dimensions

3318K

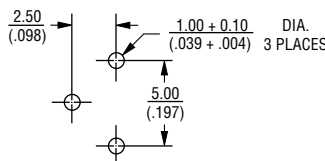
FRONT VIEW



REAR VIEW



SUGGESTED PWB LAYOUT

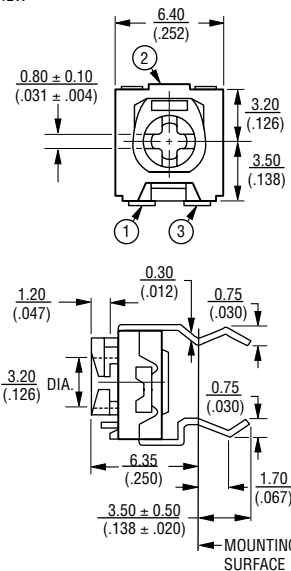


DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

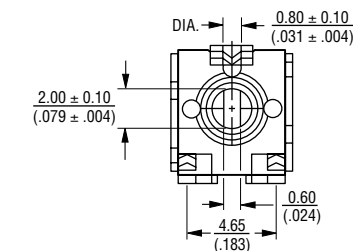
TOLERANCES: $\pm \frac{0.25}{(.010)}$ EXCEPT WHERE NOTED

3318F

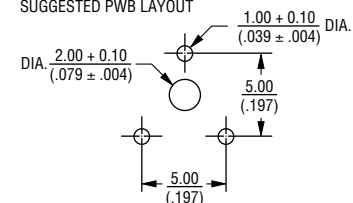
FRONT VIEW



REAR VIEW



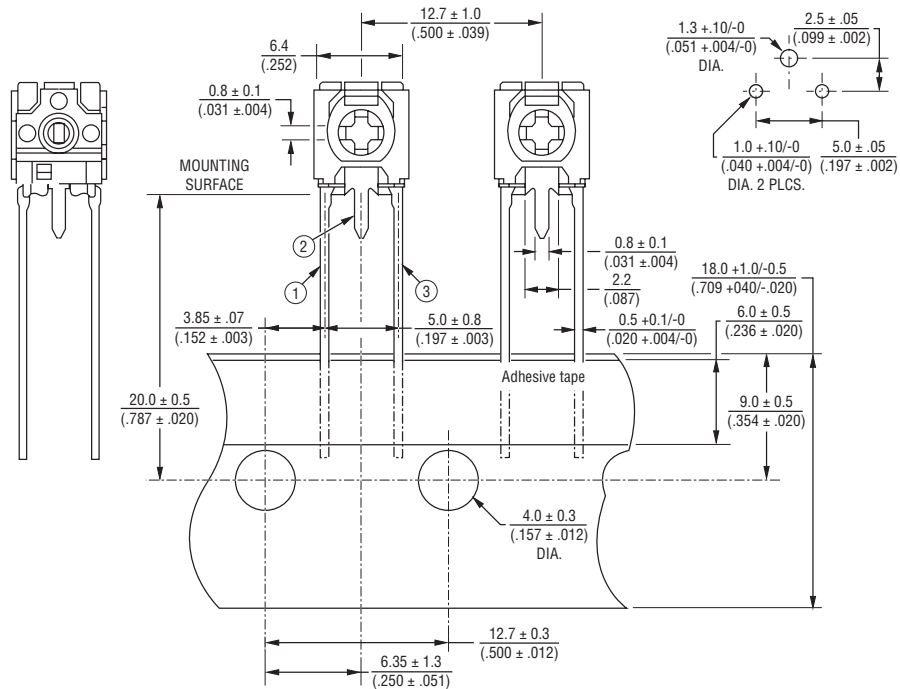
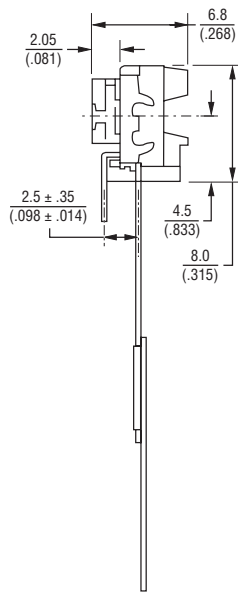
SUGGESTED PWB LAYOUT



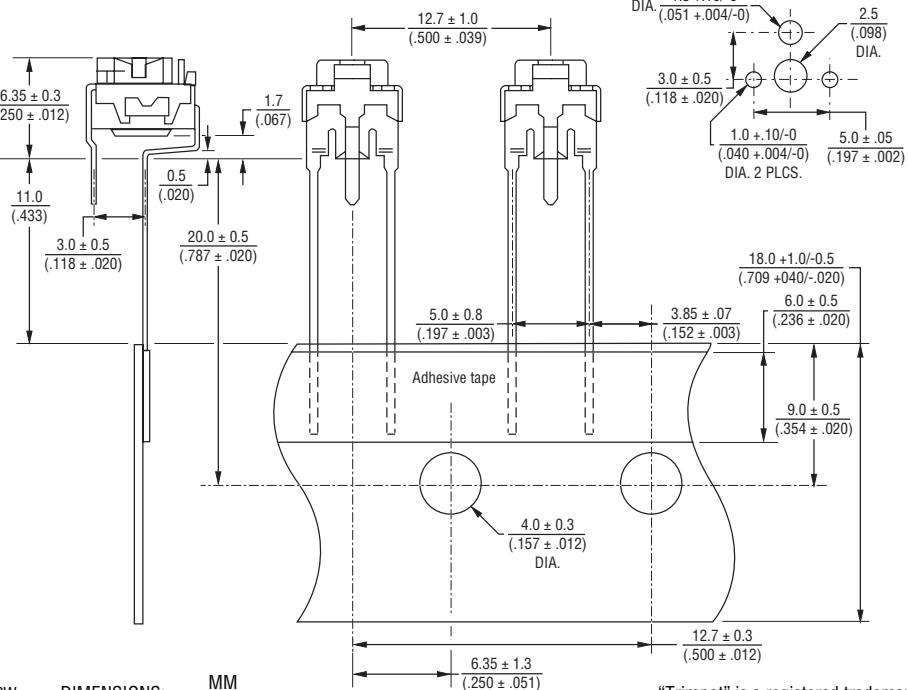
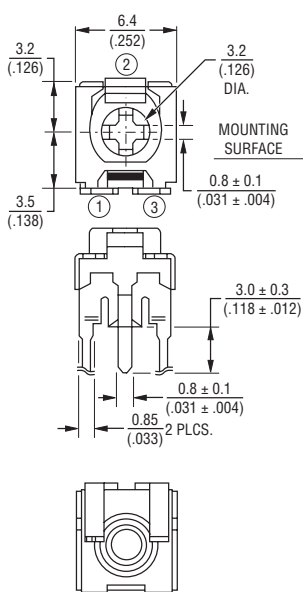
WIPER
CCW ① ——— ② ——— ③ CW
CLOCKWISE

BOURNS®

Ammo Pack Model 3318K



Recommended PCB Layout



REV. 08/10

"Trimpot" is a registered trademark of Bourns, Inc.
Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.

Mouser Electronics

Authorized Distributor

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

Bourns:

[3318K-1-105](#) [3318K-1-101](#) [3318K-1-103](#) [3318K-1-102](#) [3318K-1-104](#) [3318K-1-501](#) [3318K-1-502](#) [3318K-1-504](#)
[3318K-1-503](#) [3318B-1-222](#) [3318B-1-224](#) [3318B-1-223](#) [3318B-1-204](#) [3318B-1-221](#) [3318F-1-202](#) [3318F-1-201](#)
[3318B-1-201](#) [3318B-1-203](#) [3318F-1-203](#) [3318F-1-204](#) [3318B-1-202](#) [3318B-1-301](#) [3318B-1-303](#) [3318B-1-302](#)
[3318B-1-332](#) [3318B-1-203A](#) [3318F-1-203A](#) [3318G-1-201A](#) [3318G-1-203A](#) [3318B-1-201A](#) [3318G-1-204A](#) [3318B-1-](#)
[223A](#) [3318G-1-474A](#) [3318B-1-472A](#) [3318B-1-473A](#) [3318G-1-473A](#) [3318G-1-472A](#) [3318B-1-474A](#) [3318B-1-473](#)
[3318B-1-474](#) [3318B-1-472](#) [3318B-1-301A](#) [3318G-1-301A](#) [3318B-1-105A](#) [3318G-1-101A](#) [3318B-1-104A](#) [3318G-1-](#)
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