

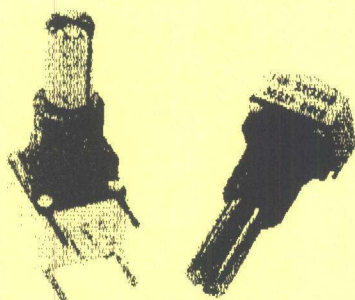


NEW STYLE (FRENCH MANUFACTURE) 148, 149

①

Vishay Spectrol

1/2" (12.7mm) Conductive Plastic and Cermet Potentiometers



148 FEATURES

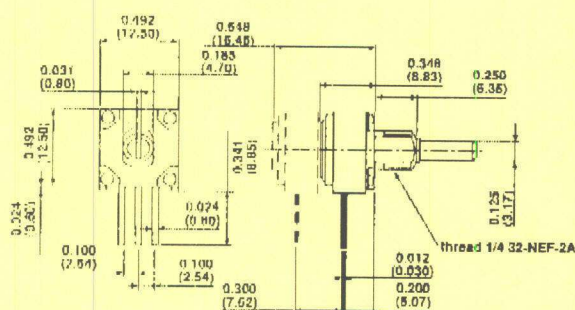
- Conductive Plastic Element
- High Rotational Life
- Quiet Electrical Output
- Robust Construction

149 FEATURES

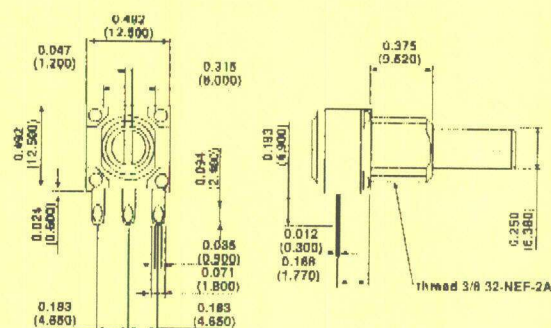
- Cermet Element
- Temperature Stable
- Robust Construction

DIMENSIONS in inches (millimeters)

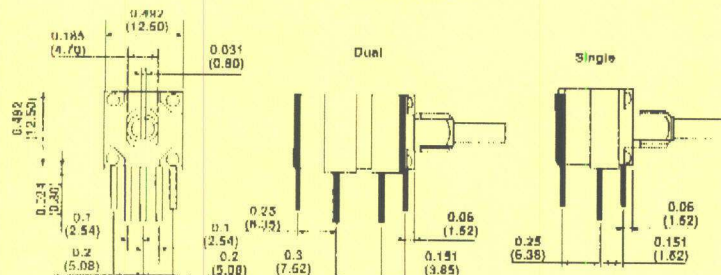
SINGLE, DUAL OR TRIPLE



SOLDER LUG TERMINALS



FRONT AND REAR SUPPORT PLATES E - Flush with board surface



MOUNTING ACCESSORIES: PRODUCT IS SUPPLIED WITH A NUT & WASHER

OPTIONAL FEATURES

Up to three sections PC support plates
Rotary switches, detents, Solder lugs terminals.

CONSTRUCTION MATERIALS

Housing - Molded thermoplastic white
Shaft - Brass, nickel plated

NOBEL ELECTRONICS

**TUDOR COTTAGES FOOTSCRAY HIGH STREET
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Date: 03/05/05

Attention of: Steve Nixon

A/C No: BD207D

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No. of pages: 7

From: Nick Noakes

Area: 5

Further to my faxed quotation of 31/3/05 for potentiometer 149-4212-103-10K, and our recent telephone conversation, I attach for comparative purposes data on both the old and new styles of the model 149 as requested. Please note that the specific spec. features of the 149-4212 will remain the same i.e. bushing length 15/64" and shaft length 0.484" FMF.

A sample of the standard 149 in the new package has been requested from the factory, and should be with us shortly.

Regards



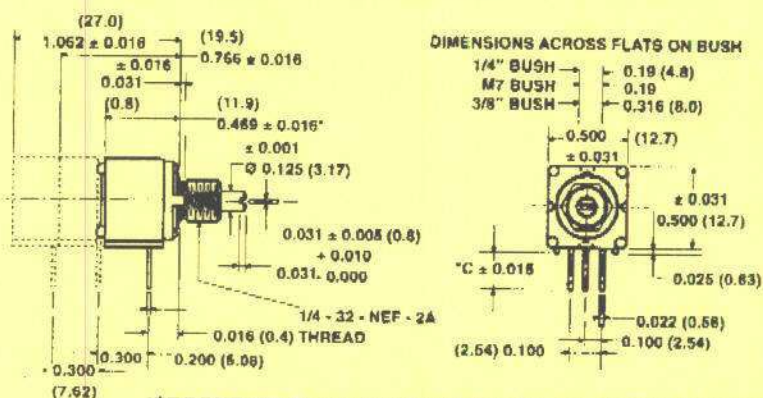
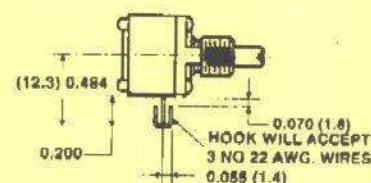
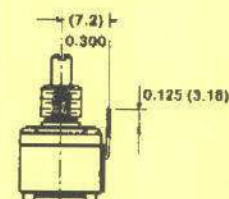
Nick Noakes

Model 148, 149

Vishay Spectrol

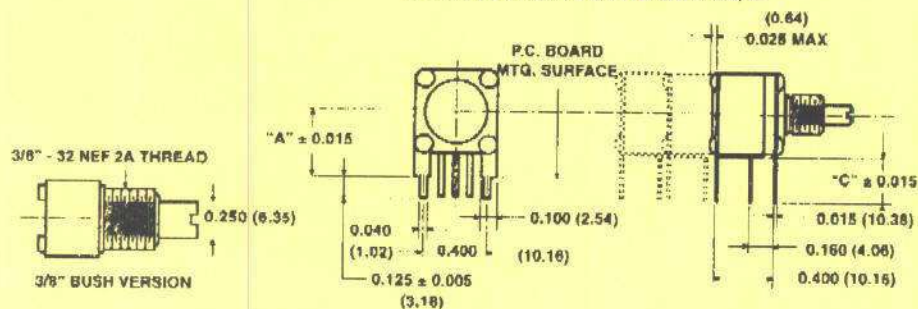
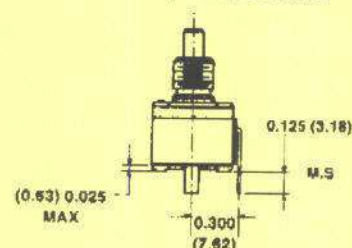
1/2" (12.7mm) Conductive Plastic and Cermet Potentiometers

MEXICO

**DIMENSIONS** in inches (millimeters)**SINGLE, DUAL OR TRIPLE****SOLDER LUG TERMINALS****TYPE "A" MOUNTING****FRONT AND REAR SUPPORT PLATES - HORIZONTAL MOUNTING**

E = FLUSH WITH BOARD SURFACE

F = 0.125 FROM BOARD SURFACE

**TYPE "C" MOUNTING**

MOUNTING ACCESSORIES: PRODUCT IS SUPPLIED WITH A NUT & SHAKE - PROOF WASHER EXCEPT C, E & F SUPPORT PLATE VERSION

OPTIONAL FEATURES

Up to three sections PC support plates, Type A forward mount, Type C rear mount
Plastic shafts Rotary switches Valley detents Solder hook terminals 3/8 bush, 1/4 shaft M7 bush, 3mm shaft Shaft seal
Mounting seal Not sealed for board washing

CONSTRUCTION MATERIALS

Housing - Moulded thermoplastic black
Shaft - Brass, nickel plated

Bushing - Brass, nickel plated
Wiper - Metal contact spring

MECHANICAL SPECIFICATIONS

PARAMETER	
Mechanical Rotation	295°C ± 5°
Torque	
Operating	Single section 0.2 to 3.0 oz - in Dual or triple section 0.3 to 4.5 oz - in
Variation in a control	0.5 oz - in
Centre Detent	0.6 to 3.0 oz - in
Stop Strength	3 in - lbs min
Weight (approx)	
Single	0.19 oz
Dual	0.27 oz
Triple	0.35 oz