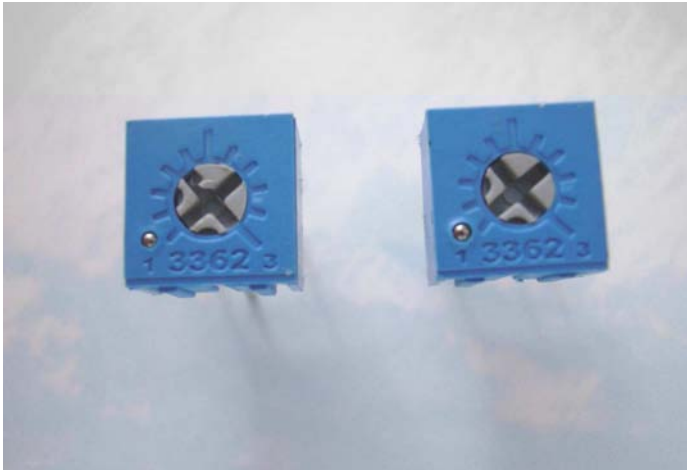


SINGLE TURN CERMET TRIMMERS

■ LIST OF PART NUMBERS



Adjustement position	Shape of terminal (Top view)	Form of packaging Rail Tube	Piece in package
Top adjustment		3362P	50 pcs./pack
Top adjustment		3362R	

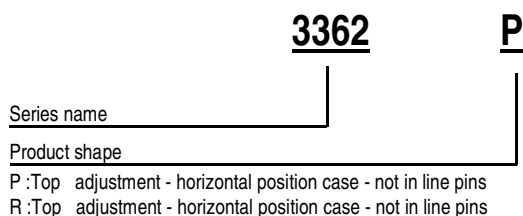
■ FEATURES

- MULTITURN / CERMET / INDUSTRIAL / SEALED
- WIDE OPERATING TEMPERATURE RANGE
- GOOD STABILITY
- LOW TEMPERATURE COEFFICIENT
- WIDE OHMIC RANGE

■ COMPLIANCE APPROVAL

National standard= GB/T15298-94
 Enterprise Standard= Q/R Y260-2000
 National Military Standard= GJB918-90
 WI Cermet Trimming Potentiometer Military Production Line
 Certificate No.= COC-L-136-2000
 Quality Standard = idt ISO 9001:2000 - GB/T 19001-9002

■ PART NUMBER DESIGNATION



Electron is a brand of

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3362
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SINGLE TURN CERMET TRIMMERS

■ ELECTRICAL CHARACTERISTICS

Nominal resistance range	10 Ω ~ 2 MΩ
Nominal resistance tolerance	±10% Tighter tolerance available
Power ratings	0.5 W (70°C)
Resistance law	Linear law
Maximun input voltage	DC 250 V
Maximun wiper current	30 mA
Effective electrical turn	SINGLE TURN
End resistance	≤1% or 2Ω max Whichever is greater
C.R.V.	≤3% or 3Ω max Whichever is greater
Operating temp. range	-55 ~ + 125 °C
Temp. coefficient	10 Ω ~ 20Ω ± 250 ppm/°C 50 Ω ~ 2MΩ ± 100 ppm/°C
Insulation resistance	1000 MΩ minimun (DC 500V)
Dielectric strenght	101,3kpa,500Vac;8,5kpa,315Vac
Net Weight	Approx. 0,62 gr.

■ MECHANICAL CHARACTERISTICS

Mechanical turn	210° ± 10°
Operating torque	20 mN . m(204 gf.cm)
Mechanical stop	Clutch action
Rotational life	200 cycles[ΔR/R ≤ 3 %]
Terminal Strenght	10 N minimun tensile strenght
Thrust to shaft	8 N maximun
Solderability	235 °C for 2 sec.

<Nominal resistance values>

10Ω	20Ω	50Ω	100Ω	200Ω	500Ω	1KΩ	2KΩ	5KΩ
10KΩ	20KΩ	50KΩ	100KΩ	200KΩ	500KΩ	1MΩ	2MΩ	

■ ENVIROMENTAL CHARACTERISTICS

Test item	Test condicions	Specifications
Thermal shock	-55 ~ 125 ° C (0,5 h) , 5 cycles	ΔR/R ≤ 2% S.S ≤ 1%
Humidity	-10~65°C(-80~98 RH) 10 cycles , 240 h	ΔR/R ≤ 3% S.S ≤ 1%
Shock	390 m/ s ² , 6ms 6 direction for 3 times each	ΔR/R ≤ 1% S.S ≤ 2%
Vibration	Amplitude of 0,75mm or Acceleration of 98 m/s ² , 10~2000 hz, 3 direction.	
Load life	70°C, 0.5W, 1000 h	ΔR/R ≤ 3% S.S ≤ 3%
Low temp.operation	- 55° C 24 h	ΔR/R ≤ 3% S.S ≤ 1%
High temp.operation	125° C 1000 h	ΔR/R ≤ 3% S.S ≤ 1%
Immersion seal	85° C 60 s	No leaks
Soldering heat	350° C 3 s	ΔR/R ≤ 1%

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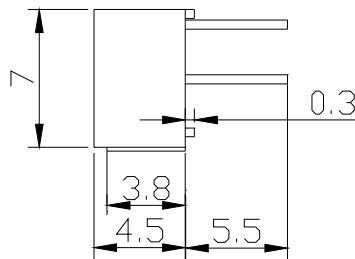
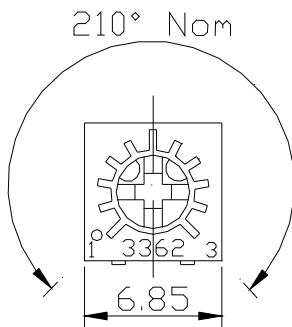
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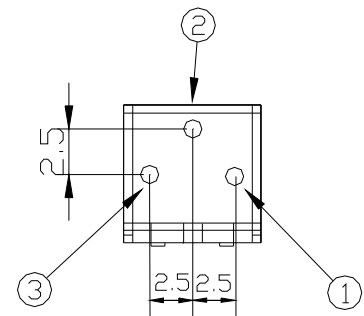
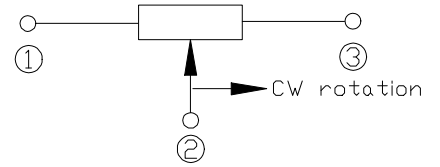
SINGLE TURN CERMET TRIMMERS

OUTLINE DIMENSIONS

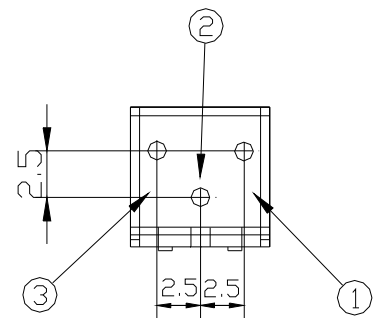
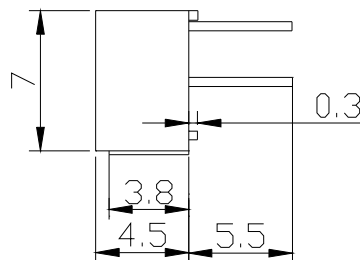
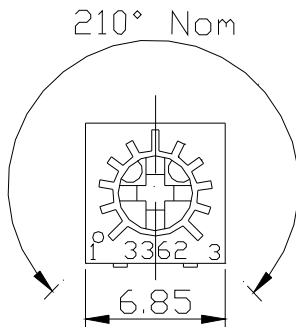
3362P Top adjustment



Unless otherwise specified, tolerance:0,3



3362R Top adjustment



PACKAGING SPECIFICATIONS

UNIT OF TUBE EACH 50 PCS
 UNIT OF BOX 1000 PCS
 UNIT OF CARTON 10.000 PCS

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