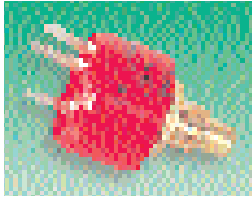


Single Turn Potentiometers — continued

1 Watt – CP1601 Series Conductive Plastic



L = 15 (body),
Spindle L (inc bush) = 15.9 slotted (CP1601/9S),
38.1 (CP1601/22)
Dia = 24 (body), 6.35 (spindle)
Mounting bush = 2" 32 UNEF

| | | | |
|----------------------|----------|-------------------------|------------------|
| Power rating @ 70°C | 1W | Rotational life | 300,000 cycles |
| Resistance tolerance | ±20% | Output smoothness | 0.1% max |
| Linearity | ±2% | Temperature coefficient | (+20°C to +70°C) |
| Electrical rotation | 340° max | | 1% max |
| Mechanical rotation | 340° | Operating temperature | -25°C to +70°C |

Stocked in the following OHMIC Values:

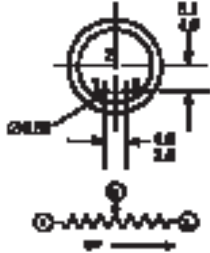
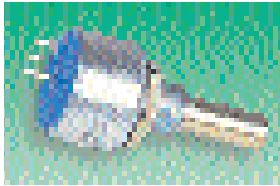
| | | |
|-----------------|---------------|---------------|
| CP16019S | | |
| 1K = 350-795 | 5K = 350-801 | 10K = 350-813 |
| CP160122 | | |
| 2K = 350-825 | 10K = 350-837 | |

Mfrs. List No. CP1601/9S + Value CP1601/22 + Value

RP50

| Style | Order Code | Price Each | | | | |
|-----------|------------|------------|-----|-----|------|------|
| | | 1+ | 25+ | 50+ | 100+ | 250+ |
| CP1601/9S | All Values | | | | | |
| CP1601/22 | All Values | | | | | |

2 Watt – MCU Series Cermet



L = 12.7 (body), 25 (spindle, inc bush)
Dia = 19 (body), 6.35 (spindle)
Mounting bush = 3/8" 32 UNEF

| | | | |
|----------------------|---------|-----------------------|-----------------|
| Power rating @ 70°C | 2W | Terminal resistance | <3Ω |
| Voltage rating | 315V dc | Insulation resistance | >1000MΩ |
| Resistance tolerance | ±10% | Operating temperature | -55°C to +125°C |
| Mechanical rotation | 270° | | |

Stocked in the following OHMIC Values:

| | | | |
|----------------|----------------|---------------|----------------|
| 10R = 350-849 | 220R = 350-886 | 4K7 = 350-928 | 100K = 350-965 |
| 22R = 350-850 | 470R = 350-898 | 10K = 350-930 | 220K = 350-977 |
| 47R = 350-862 | 1K = 350-904 | 22K = 350-941 | 470K = 350-989 |
| 100R = 350-874 | 2K2 = 350-916 | 47K = 350-953 | 1M = 350-990 |

Mfrs. List No. MCU + Value

RP48

| Order Code | Price Each | | | | |
|-------------|------------|-----|-----|------|------|
| | 1+ | 25+ | 50+ | 100+ | 500+ |
| .All Values | | | | | |

3 Watt - PE30 Series Cermet



- High power rating
- Low temperature coefficient

L = 11.5 (body), Spindle L = 25 slotted (inc bush)
Dia. = 19.7 (body), 6.0 (spindle)

| | | | |
|-------------------------|------------|-------------------------------|----------------------|
| Power rating @ 70°C | 3W | Mechanical rotation | 300° ±5° |
| Resistance tolerance | ±10% | Terminal resistance variation | 3% or 3Ω whichever > |
| Temperature coefficient | ±100ppm/°C | Dielectric strength | 2500V |
| Electrical rotation | 270° ±10° | Operating temperature | -55°C to +125°C |

Stock in the following OHMIC Values:

| | | | | |
|-----------------|----------------|----------------|-----------------|---------------|
| 100R = 306-8080 | 1K = 306-8110 | 10K = 306-8146 | 100K = 306-8171 | 1M = 306-8201 |
| 220R = 306-8092 | 2K2 = 306-8122 | 22K = 306-8158 | 220K = 306-8183 | |
| 470R = 306-8109 | 4K7 = 306-8134 | 47K = 306-8160 | 470K = 306-8195 | |

Mfrs. List No. PEM30AM+ Value

RP271

| Order Code | Price Each | | | | |
|-------------|------------|-----|-----|-----|------|
| | 1+ | 10+ | 25+ | 50+ | 100+ |
| .All Values | | | | | |

1 Watt – CLR1106 Series Wirewound



L = 17.5 (body)
Spindle L (inc bush) = 15.9 slotted (CLR1106/9S), 19.1 slotted (CLR1106/11S)
Dia = 23.1 (body), 6.35 (spindle)
Mounting bush = 3/8" 32 UNEF

| | | | |
|----------------------|-----------|-----------------------|---------------------------|
| Power rating @ 20°C | 1W | Terminal resistance | 0.2Ω or 0.01% whichever > |
| Voltage rating | 250V dc | Voltage rating | 250V dc |
| Resistance tolerance | ±10% | Isolation voltage | 1000V dc |
| Electrical rotation | 265° ±15° | Operating temperature | -25°C to +70°C |
| Mechanical rotation | 290° ±10° | | |

Stocked in the following OHMIC Values:

| | | | |
|--------------------|----------------|---------------|---------------|
| CLR1106 9S | | | |
| 50R = 351-003 | 500R = 351-039 | 2K5 = 351-064 | 25K = 351-090 |
| 100R = 351-015 | 1K = 351-040 | 5K = 351-076 | 50K = 351-106 |
| 250R = 351-027 | 2K = 351-052 | 10K = 351-088 | |
| CLR1106 11S | | | |
| 100R = 351-118 | 1K = 351-143 | 5K = 351-179 | 50K = 351-209 |
| 250R = 351-120 | 2K = 351-155 | 10K = 351-180 | |
| 500R = 351-131 | 2K5 = 351-167 | 25K = 351-192 | |

Mfrs. List No. CLR1106/9S + Value CLR1106/11S + Value

RP51

| Style | Order Code | Price Each | | | | |
|-------------|------------|------------|-----|-----|------|------|
| | | 1+ | 25+ | 50+ | 100+ | 250+ |
| CLR1106 9S | All Values | | | | | |
| CLR1106 11S | All Values | | | | | |

1 Watt – ABW1 Series Wirewound

AB



L = 17.45 (body), Spindle = 25.4 (inc bush)
Dia = 23.0 (body), 6.30 (spindle)
Mounting bush = 3/8" 32 TPI

| | | | |
|----------------------|------------------|-----------------------|---------------------------|
| Power rating @ 40°C | 1W | Mechanical rotation | 285° ±5° |
| Voltage rating | 300V dc | Terminal resistance | 0.2Ω or 0.01% whichever > |
| Resistance tolerance | ±10% | Insulation resistance | 1000MΩ |
| Spindle length | 25.4mm from face | Isolation voltage | 1000V ac |
| Electrical rotation | 265° ±5° | Operating temperature | -40°C to +90°C |

Stocked in the following OHMIC Values:

| | | | | |
|----------------|----------------|---------------|---------------|---------------|
| 50R = 351-210 | 250R = 351-234 | 1K = 351-258 | 5K = 351-271 | 25K = 351-295 |
| 100R = 351-222 | 500R = 351-246 | 2K5 = 351-260 | 10K = 351-283 | 50K = 351-301 |

Mfrs. List No. ABW1 + Value +

RP85

| Order Code | Price Each | | | |
|--------------------|------------|-----|-----|------|
| | 1+ | 25+ | 50+ | 100+ |
| .Values 50R to 10K | | | | |
| .Values 25K to 50K | | | | |

2 Watt-140 Series Wirewound



- Compact wirewound potentiometer
- Robust design gold plated terminals
- Stainless Steel shaft with anodised aluminium housing

L = 7.75 (body), 17.78 (spindle inc bush)
Dia. = 12.7 (body), 3.17 (spindle)
Mounting Bush = 1/4" 32 UNEF-2A

| | | | |
|---------------------|--|---------------------|---------------------------|
| Power rating | 2W @ 40°C ambient derated linearly to zero @ 125°C | Dielectric strength | 1000 Volts RMS @ 60Hz |
| Temperature range | -55°C to +125°C | Rotational life | 500,000 shaft revolutions |
| Mechanical rotation | 330° ±5° | | |

RP229

| Value | Order Code | Price Each | | | |
|-------|------------|------------|----|-----|-----|
| | | 1+ | 5+ | 10+ | 20+ |
| 1K | 157-648 | | | | |
| 5K | 157-650 | | | | |
| 10K | 157-661 | | | | |
| 20K | 157-673 | | | | |