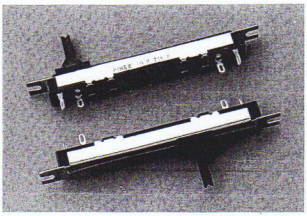
PIHER

PL-60 Slide potentiometer



FEATURES

- Shielded slider potentiometer.
- Open and closed (dust proof) versions.
- Possibility to include 1 to 3 taps.
- 3 different means of fixation.

MECHANICAL SPECIFICATIONS

- Mechanical travel: 60 mm. ±1 mm.
- Electrical travel: 57 mm. ± 1mm.
- Sliding force:
  - Single: 0.5 to 2.5 N (1.8 to 9 oz)
  - Tandem: 1 to 3.5 N (3.6 to 12.6 oz)
- Stop torque: > 50 N (179 oz)

Accredited by the Dutch Council for Accreditation

ISO 9001/QS 9000

Certificate Nº 40398

ELECTRICAL SPECIFICATIONS

- Range of values (*)
  100Ω ≤ Rn ≤ 5 M (Decad. 1.0 - 2.0 - 2.2 - 2.5 - 4.7 - 5.0)
- Tolerance (*): 100Ω ≤ Rn ≤ 1M Ω ..... ± 20%
  1MΩ < Rn ≤ 5M Ω ..... ± 30%
- Max. Voltage: 500 VDC (lin), 250 VDC (no lin)
- Nominal Power: 40°C (104°F) (see power rating curve)
  0.4 W (lin) 0.2 W (no lin)
- Taper (**) Lin.; Log.; Alog.
- Residual resistance: ≤ 0.1% Rn (2 Ω min.)
- Equivalent Noise Resistance: ≤ 3% Rn (3 Ω min.)
- Operating temperature: –25°C + 70°C (–13°F + 158°F)

(*) Others on request.
(**) Other laws on request. No linear tapers; values higher than 1 K Ω.

HOW TO ORDER

	STANDARD								OPTIONAL EXTRAS	
PL-60	A	S	C	C	2	203	A	2020		0	

Pot. Series
PL-60

Model
S = Single
T = Tandem

Termin. Type
C = Solder Lugs
I = PCB

Value
101 = 100
203 = 20 K
504 = 500 K
505 = 5M
(See note 3)

Tolerance
2020 = ± 20%
3030 = ± 30%
(See note 4)

Taps code
0 = no taps
1 = T 1/3
2 = T 1/2
3 = T 2/3
4 = T 1/2 + 1/3
5 = T 1/3 + 2/3
6 = T 1/2 + 2/3
7 = T 1/3 +1/2 +2/3

Protection
A = Open
C = Closed
(See note 1)

Fixation means
A = Top PCB
C = Screw M3
D = Bottom PCB Central

Slider type
1 = Fig. 16
2 = Fig. 2
3 = Fig. 3
(See note 2)

Taper
A = Linear
B = Log.
C = Alog.
Others laws on request

Cut track
PCI = initial
PCF = final

Stereo matching
3D = 3 dB
4D = 4 dB
6D = 6 dB

NOTES:

(1) PROTECTION: • Protection "C" (closed) is not available with fixation mean "A" (single or tandem model).
• Protection "C" (closed) is not available in tandem model.

(2) SLIDER TYPE: Fig. 1.5 is only available with open and single potentiometer.

(3) VALUE: Code: 10 1
- 1 → Number of zeros
- 10 → 2 first digits of the value.

• Standard values: Decades of 10, 20, 22, 25, 47, 50.
Other values will be special.
• When the "Tandem" model has different resistors, ask by drawing.

(4) TOLERANCE (NON STANDARD) Upon request. Code ex.: +7 07 05
- -5 → Negative tolerance
- +7 → Positive tolerance

NOTE: The information contained here in may be changed without prior notice.

MEGGITT

HOW TO ORDER CUSTOM DRAWING

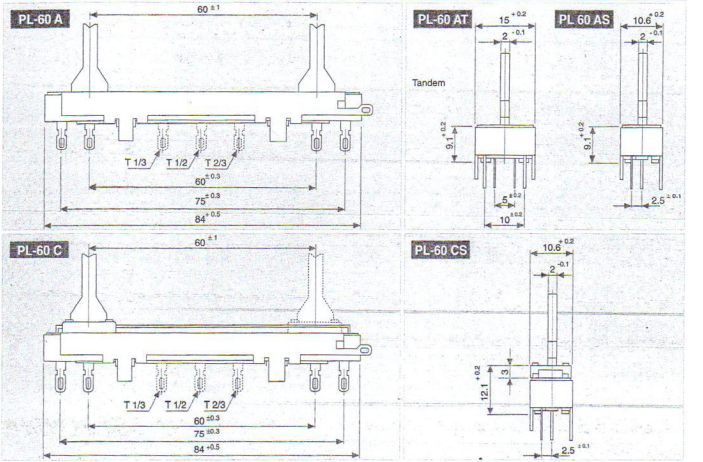
PT-60 A S C C 2 + DRAWING NUMBER (Max. 16 digits)

This way of ordering should be used for options which are not included in the "How to order" standard and optional extras.

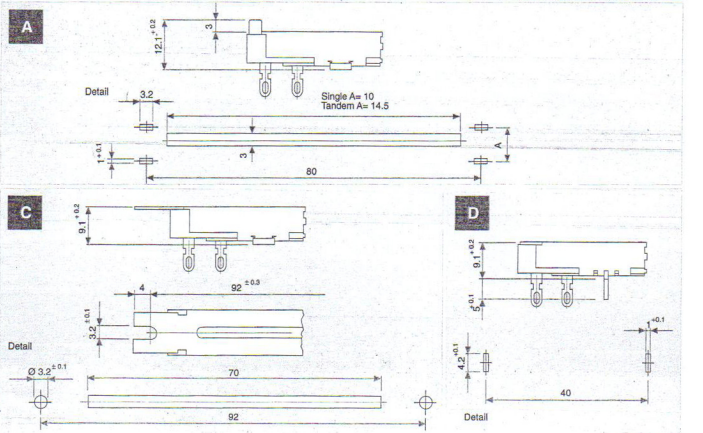
STANDARD OPTIONS

Cut track	No cut track
Tap	0: no taps
Stereo matching	No mathing

DIMENSIONS (mm.)

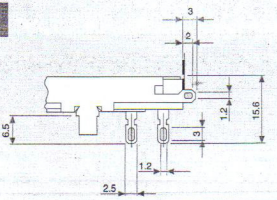


FIXATIONS MEANS

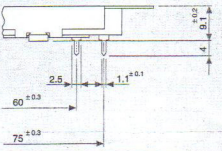


TERMINALS

C

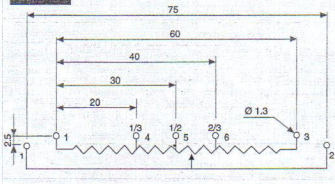


T

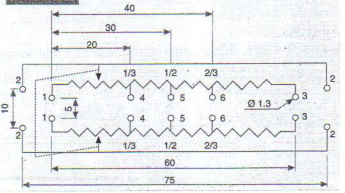


PCB LAYOUT

Single



Tandem



SLIDER STYLES (INSULATED)

Fig. 2

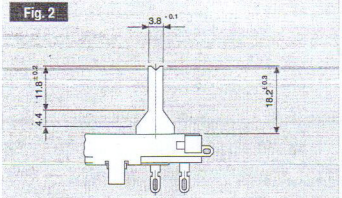


Fig. 3

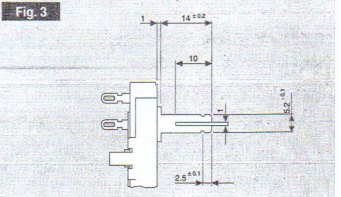


Fig. 16