Carbon Rotary Potentiometers - 20 mm size

Singles

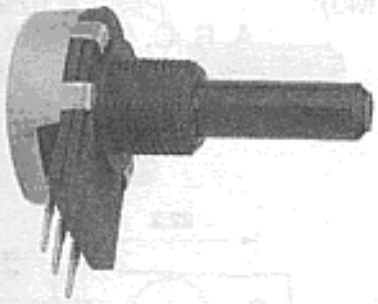
Types
CIP20C
P20C

Mechanical data

Rotation angle:	300° ± 5°
Operating torque:	0.4 ÷ 1.5 Ncm
Permissible torque at end stop:	80 Ncm max
Permissible axial spindle load:	100 N (5 sec max)
Tap:	Z2 at 50% or 57% of rotation
Weight, std. spindle:	~ 11 g

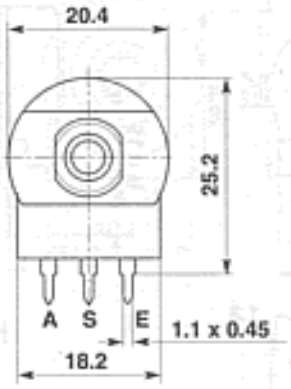
Electrical data

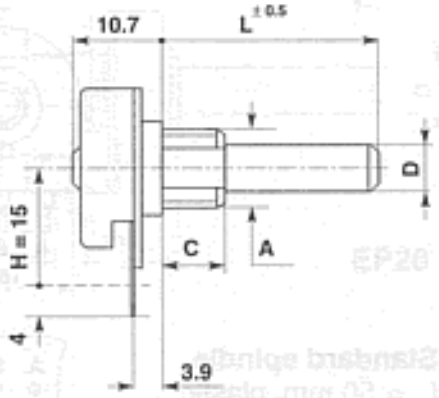
Rated dissipation @ 40°C:	0.4 W linear law
	0.2 W non-linear law
Limiting element voltage:	500 VDC
Insulation resistance:	≥ 5 GΩ
Insulation voltage:	1000 VAC
Rated resistance: E3 Series; optional E6 Series	
• linear law:	100R to 4M7
• non-linear law:	1K0 to 2M2
Tolerance on rated resistance:	
• 100R to 1M0:	± 20%
• over 1M0:	± 30%
• optional (1K0 to 1M0):	± 10%
Resistance law:	A, B, C, F, S, T, X
• with tap:	A2, B2, S2



Types

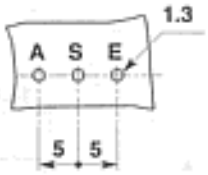
CIP20C	P.c. terminations
P20C	Solder tag terminations





Standard spindle & bush

L = 50 mm, plastic, F1 type
D = 6 mm
A = M10x0.75, plastic, KC type
C = 8 mm



viewed on
component side

H = 22 optional **CIP20C**

Spindle and bushing variations

D mm	A mm	Available types		
		Bush	Plastic Spindle	Metal Spindle
6	M10x0.75	KC, C, CE, CEBS	Fixed Plug-in	Fixed
4	M10x0.75 M7x0.75	C, CE C, CE	Fixed	Fixed