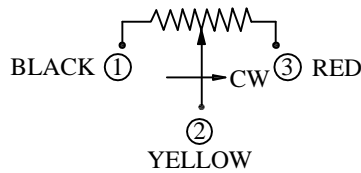
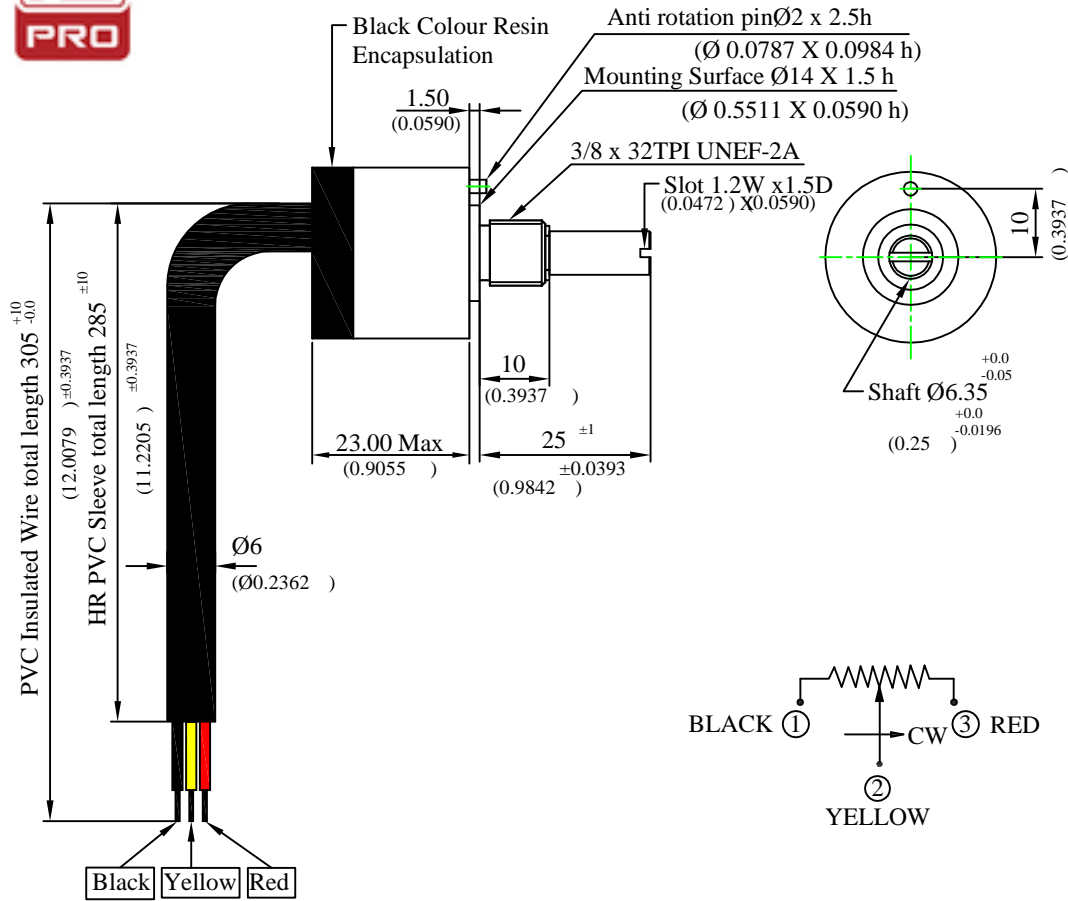




Dimensions:- Metric



ELECTRICAL CHARACTERISTICS :-	UNITS	VALUE
Resistance Element.....	WW	Wire Wound
Resistance Range.....	Ohms	100,500,1K,2K,3K,4K,5K,10k
Resistance Tolerance.....	± %	10
Standard Independent Linearity Tolerance...(IEC 393)..	± %	1
Electrical angle.....	Degrees	270° ±5°
Equivalent Noise Resistances.....	Ohms	<100
Resolution.....	%	As per turns
Temperature Coefficient of Resistance (TCR).....	ppm/deg C	± 50 Up to 1k ohms ± 150 for other values.
Power Rating @ 70° C.....	Watts	1
Insulation Resistance @ 500 Vdc.....	M Ohms	1000
Dielectric Strength @ 50 Hz.....	V ac	500
Maximum Wiper current.....	mAmps	1
Short time wiper current 10 sec.	mAmps	10
End Resistance	%	< 0.1 OR 5 Ohms which is higher

MECHANICAL CHARACTERISTICS :-		
Rotation (Mechanical Angle) With End Stop	Degrees	285°±5
Bearing Type.....	--	Sleeve
Starting Torque.....	Nmm(Oz inch)	15 (2.124)
Running Torque.....	Nmm(Oz inch)	10 (1.41)
Axial Play	m.m.(Inch)	0.2 (0.008) Max.
Radial Play	m.m.(Inch)	0.2 (0.008) Max.

ENVIRONMENTAL CHARACTERISTICS :-		
Operating Temperature.....	Degrees C	-40 to +105
ROHS compliancance	--	Yes

PERFORMANCE :-		
Rotational Life (shaft Revolutions).....	Nos.	100,000

MATERIALS OF CONSTRUCTION:-		
Housing.....	--	Engg.Plastic
Shaft.....	--	Brass Nickel Plated
Terminal	--	Brass,silver plated terminals, soldered with 0.75 sq. mm pvc wire covered with HR pvc sleeve
Mounting Hardware	--	Lock Washer-steel + Nut-Brass, A/F 14 X 3 mm,both Nickel plated
Bushing.....	--	Industrial Brass

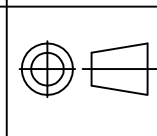
Soldering Recommendation :- Use soldering Iron at 350° C for 3 second maximum. Clean the soldered pads with Isopropyl alcohol after soldering. Continuous improvements are being made for enhancing performance for customer benefit in product design & process. The product supplied may be slightly different than described by above specifications

SINGLE TURN WIRE WOUND POTENTIOMETER

P25-202

First Issue : 2010/19/01 Scale : 1:1

Tolerances
DIN-ISO 2768-1 (1991-06)
(Tolerance class-medium)



CUSTOMER DRAWING REF NO
NA
Customer : STD

REV.-00
SHEET
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