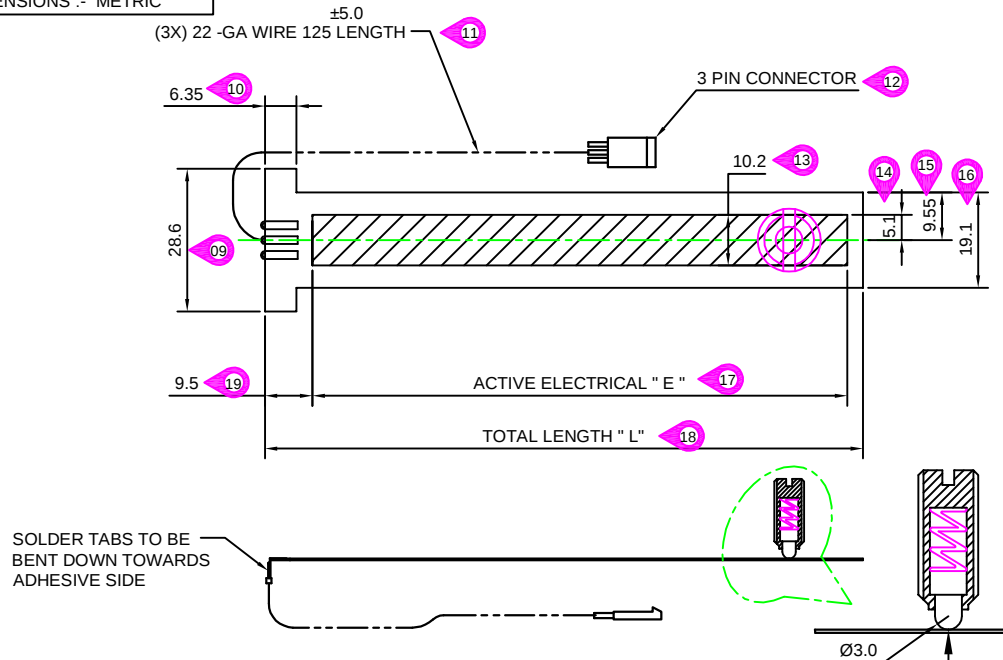
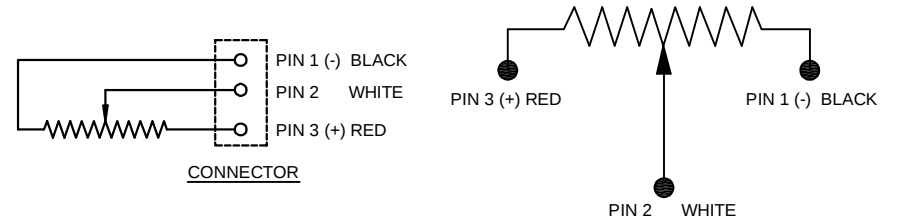


DIMENSIONS :- METRIC



CONTACT BALL DETAILS	
MATERIAL	POLYACETAL
SURFACE FINISH	Ra 0.2
DIAMETER (MM)	3.0
BALL CONTACT FORCE	3 - 5 N

FLEXILIN SERIES STROKE LENGTH (- XXX)	50	75	100	125	150	175	200	225	250	275	300	ToI.
ELECTRICAL STROKE LENGTH " E "	50	75	100	125	150	175	200	225	250	275	300	±5.0
MECHANICAL STROKE LENGTH (20)	60	80	105	130	155	180	205	230	255	280	305	±5.0
TOTAL LENGTH " L "	74.7	95.7	120	145.7	170.7	195.7	220.7	245.7	270.7	295.7	320.7	±5.0



ELECTRICAL SCHEMATIC DIAGRAM

ELECTRICAL CHARACTERISTICS	UNITS	VALUE
RESISTANCE ELEMENT...	--	CONDUCTIVE PLASTIC
TOTAL RESISTANCE ...	Ohms	5K (TYPICAL) (01)
RESISTANCE TOLERANCE...	±%	20 (02)
STANDARD INDEPENDENT LINEARITY TOLERANCE...	±%	0.3 (03)
RESOLUTION...	--	ESSENTIALLY INFINITE
TEMPERATURE COEFFICIENT OF RESISTANCE(TCR)...	ppm/deg C	±400
INSULATION RESISTANCE @ 500 VDC...	M Ohms	500 (04)
DIELECTRIC STRENGTH @ 50 HZ...	V dc	500 (05)
ELECTRICAL LIFE (STROKE)...	STROKES	5,000,000
END VOLTAGE AS A % OF APPLIED VOLTAGE...	%	LESS THAN 0.5 (06)

MECHANICAL CHARACTERISTICS :-

BEARING TYPE...	--	SLEEVE
TORQUE STARTING...	Nmm (Oz inch)	10 (1.416) (07)
TORQUE RUNNING...	Nmm (Oz inch)	5 (0.708) (08)

ENVIRONMENTAL CHARACTERISTICS :-

OPERATING TEMPERATURE...	DEGREES C	-40° to + 85°
ROHS COMPLIANCE...	--	YES

NOTE :-

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



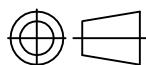
**CONDUCTIVE PLASTIC
LINEAR MOTION POTENTIOMETER**

FLEXILIN - 149703

FIRST ISSUE : 2012/16/05

SCALE : 1:1

TOLERANCES
DIN-ISO 2768-1 (1991-06)
(TOLERANCE CLASS-MEDIUM)



CUSTOMER DRAWING REF NO
NA

REV -00

SHEET
1 of 1