



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

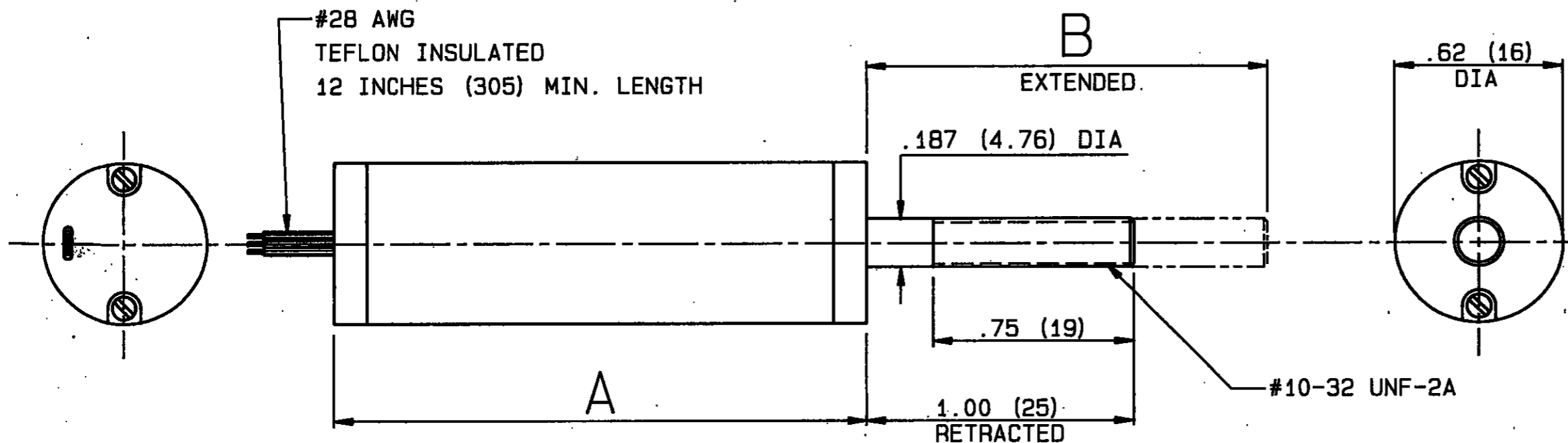
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600 SERIES LINEAR MOTION POSITION TRANSDUCER



ELECTRICAL SPECIFICATIONS

ELECTRICAL TRAVEL	-----	SEE TABLE
RESISTANCE RANGE	-----	SEE TABLE
RESISTANCE TOLERANCE	-----	±20%
INDEPENDENT LINEARITY	-----	SEE TABLE
POWER RATING @ 70°C	-----	0.25 WATTS
PER INCH OF ELECTRICAL TRAVEL		
DERATED TO 0 WATTS @ 125°C		
OUTPUT SMOOTHNESS	-----	0.1%
RESOLUTION	-----	INFINITE
INSULATION RESISTANCE @ 500 VDC	-----	1000 MEGOHMS
DIELECTRIC STRENGTH	-----	500 VRMS
TEMPERATURE RANGE	-----	-55° TO +125°C

MECHANICAL SPECIFICATIONS

MECHANICAL TRAVEL	-----	ELECTRICAL TRAVEL
		+0.1 INCH MIN.
ACTUATION FORCE	-----	2 OZ. MAX.
REPEATABILITY	-----	WITHIN .0005 IN.
LIFE	-----	10 x 10 ⁶ CYCLES

NOTES:

1. DIMENSIONS ARE IN INCHES (mm). TOLERANCE: ±.03 (±.8)
2. AVAILABLE IN DUAL CONFIGURATION.
3. MOST SPECIFICATIONS MAY BE ALTERED TO MEET SPECIFIC REQUIREMENTS.
4. OTHER TRAVELS AVAILABLE.

612	12.0	0.08	12.00 (305)	13.50 (343)	13.10 (333)
610	10.0	0.09	10.00 (254)	11.50 (292)	11.10 (282)
606	6.0	0.12	6.00 (152)	7.50 (190)	7.10 (180)
604	4.0	0.15	4.00 (102)	5.50 (140)	5.10 (129)
603	3.0	0.25	3.00 (76)	4.50 (114)	4.10 (104)
602	2.0	0.35	2.00 (51)	3.50 (89)	3.10 (79)
601	1.0	0.70	1.00 (25)	2.50 (57)	2.10 (53)

MODEL	RESISTANCE K Ω	LINEARITY ±%	ELECTRICAL TRAVEL [4]	A	B
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BLACK RED

↑
EXTENDED

WHITE

SCHEMATIC

DUNCAN electronics, Inc.
COSTA MESA, CALIFORNIA

DWB. NAME	DWB. NO.	REV.
OUTLINE	600-50	C
600 SERIES	REL. DATE	PAGE 1 OF 1
	4-28-88	