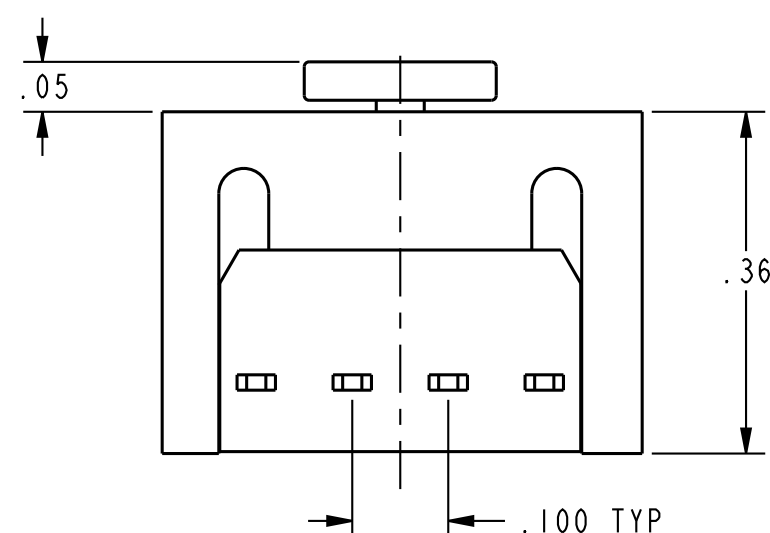
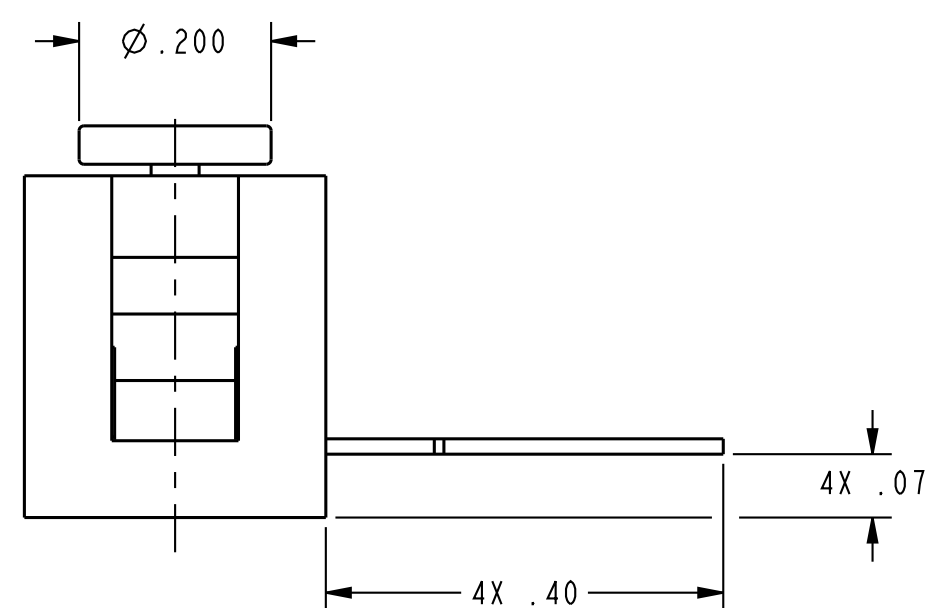


PIN 1 = V_s
 PIN 2 = V_{+0}
 PIN 3 = V_g
 PIN 4 = V_{-0}



FORCE SENSOR				
(at 10.00±.01 VDC Excitation, 25° C)				
PARAMETER	MIN	NOM	MAX	UNITS
NULL OFFSET	-30	0	+30	mV
SPAN (at 1500 gms, dead weight)	290	360	430	mV
	MIN	TYP	MAX	UNITS
LINEARITY		±0.5		% SPAN
INPUT RESISTANCE		5.0K		OHMS
OUTPUT RESISTANCE		5.0K		OHMS
EXCITATION VOLTAGE	RATIOMETRIC	10	12	VDC
OPERATING FORCE	0		1500	GRAMS
OVER FORCE			5500	GRAMS
OPERATING TEMPERATURE (-40° to +90°C)				
STORAGE TEMPERATURE (-55° to +105°C)				
VIBRATION 0 to 2KHz, 20g SINE				
SHOCK TESTED TO 150g				

NOTES

- 1 - DEVICE IS ELECTRICALLY RATIOMETRIC
- 2 - DEVICE CAN OPERATE WITH CURRENT EXCITATION
- 3 - ALL FORCE RELATED SPECIFICATIONS ESTABLISHED BY USING DEAD WEIGHT OR COMPLIANT FORCE
- 4 - TYPICAL FULL SCALE DEFLECTION .03 MM

OBSOLETE

THIRD ANGLE PROJECTION		
SCALE 5 : 1		
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±
WEIGHT		

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FORCE SENSOR

FSG15N1A1

CATALOG LISTING

P.T.C./CAD 30	DRAWN	KED	10 JAN 00	CHECK	SAV	10 JAN 00	CHECK	RS	07 NOV 12	
		REVISIONS	A	0030657	SK	09MAY07	B	0095448	HEB	07NOV12
		ISSUE	3	DRAWING NUMBER	FSG15N1A1	PAGE	1 OF 1	RELEASE NO.	PR-24338	REPLACES

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