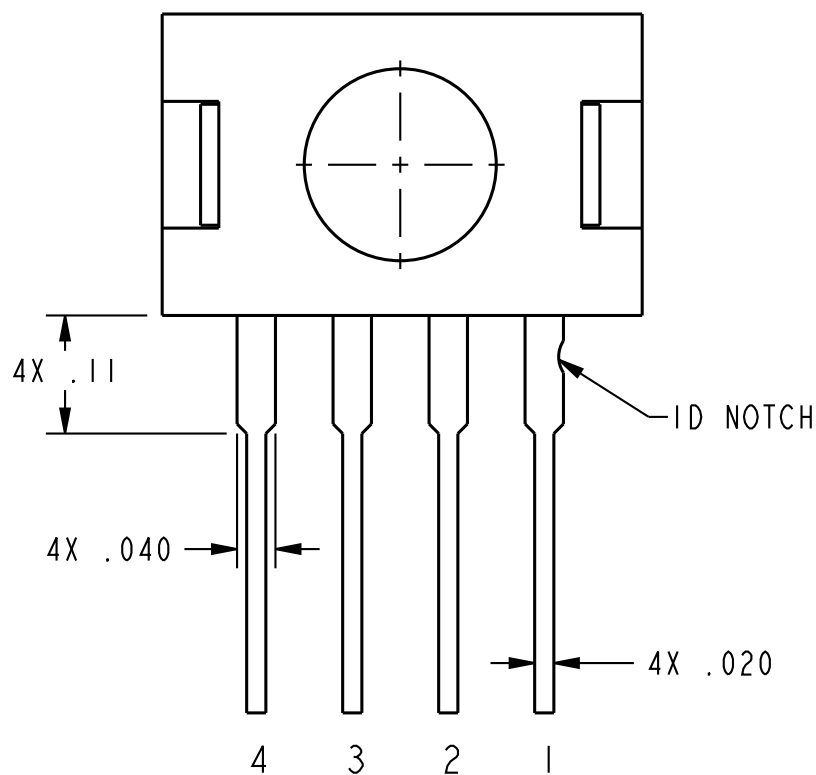
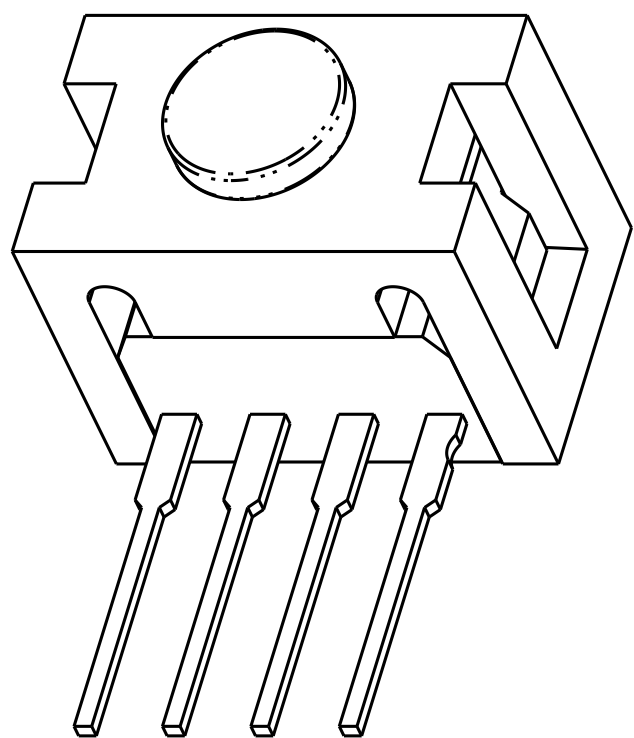
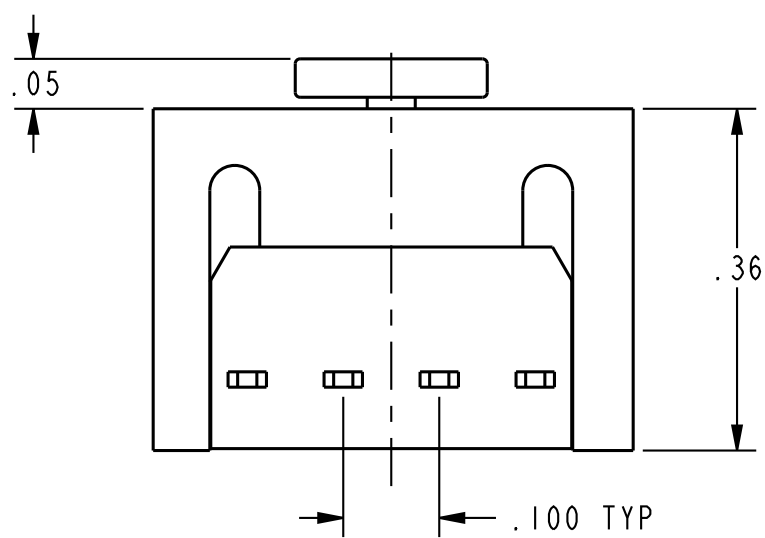
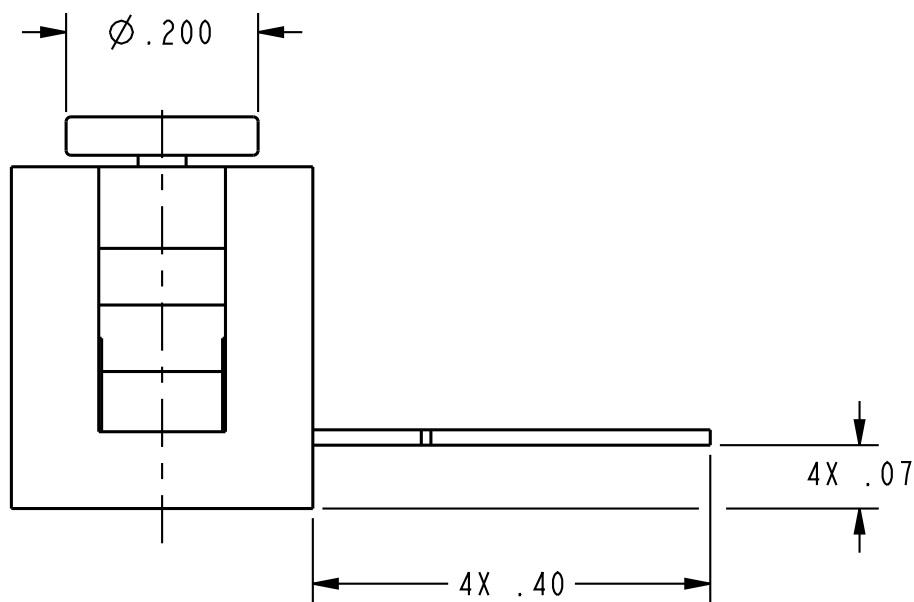




FSG15N1A1



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



FORCE SENSOR (at $10.00 \pm .01$ 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 $+90^\circ\text{C}$)				
STORAGE TEMPERATURE (-55° to $+105^\circ\text{C}$)				
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

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FORCE SENSOR

CATALOG LISTING
FSG15N1A1

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

ANSI Y14.5M-1982 APPLIES

FED. MFG. CODE 91929