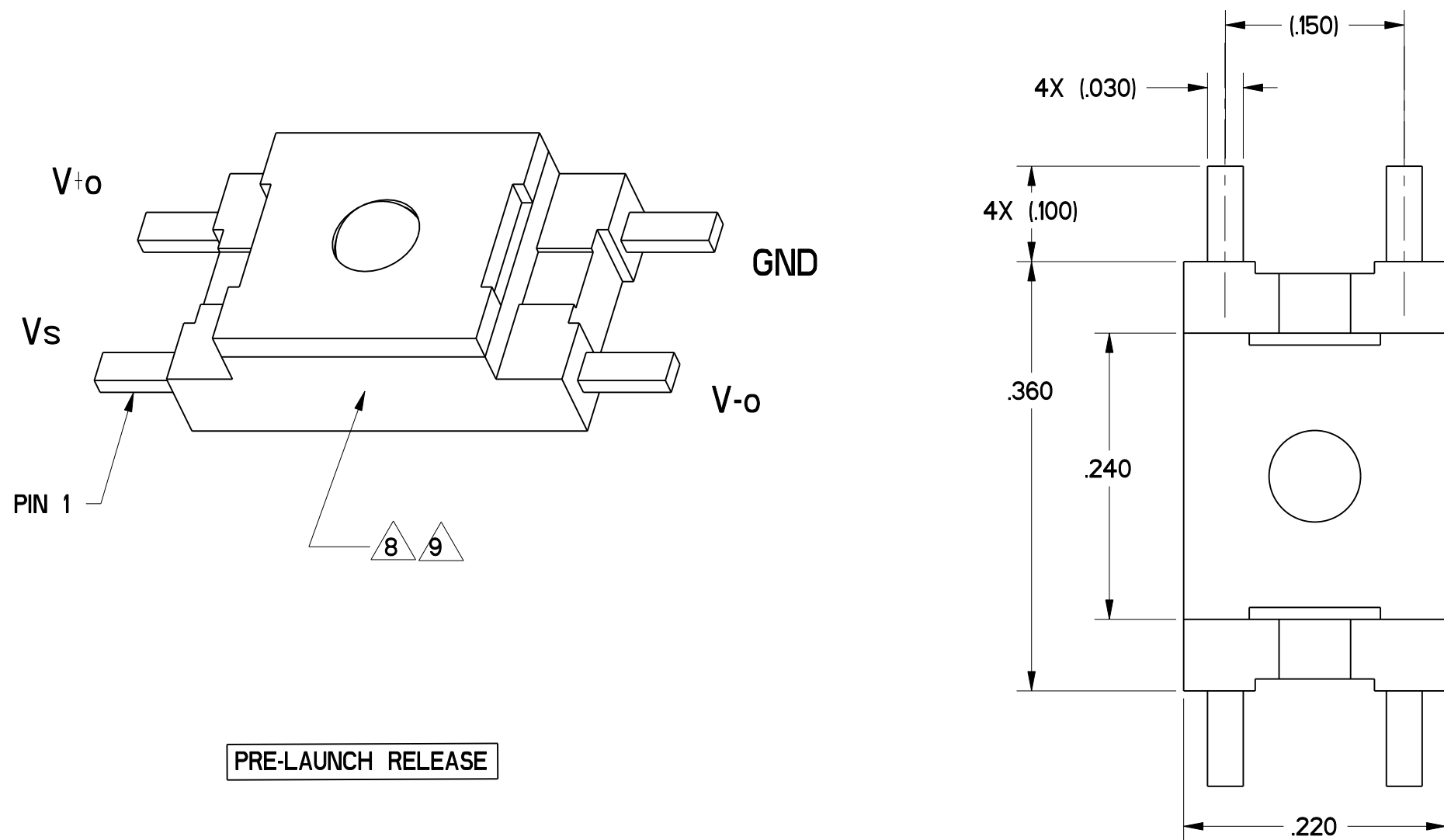
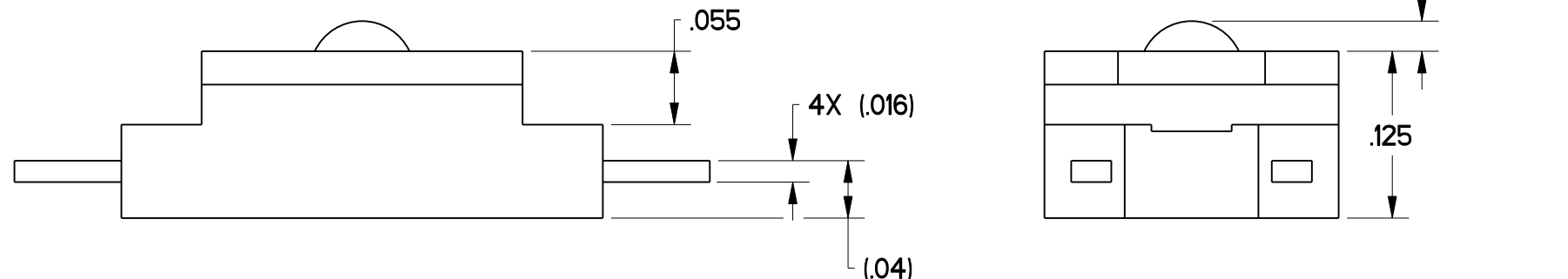


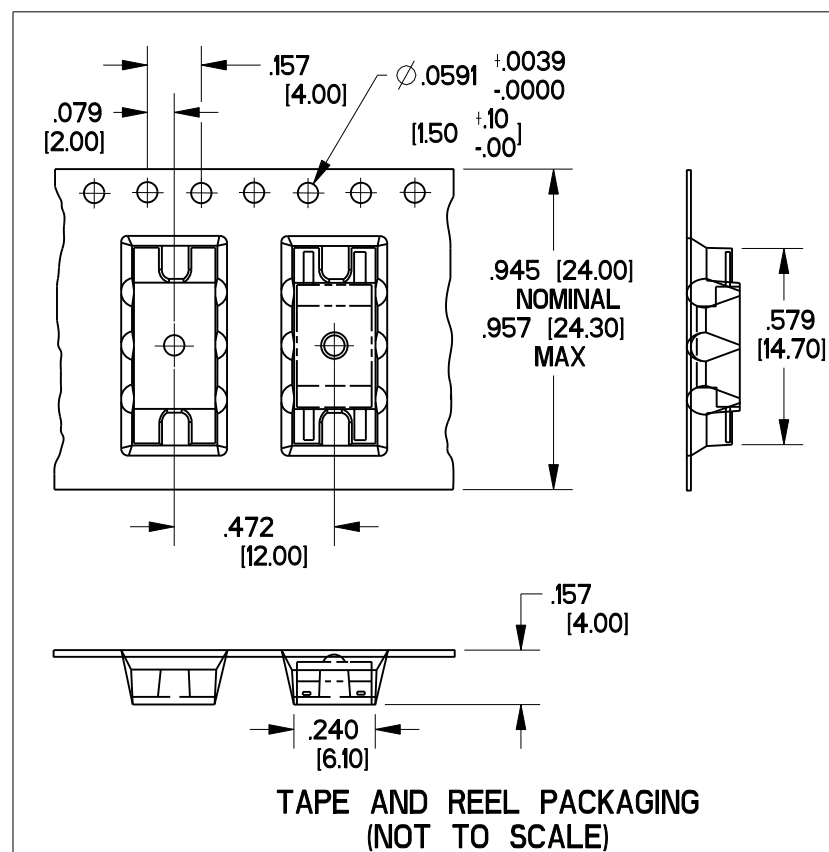
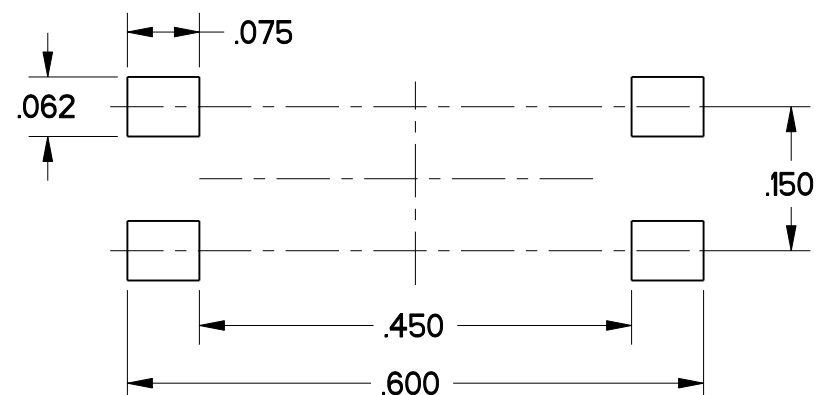


PRE-LAUNCH RELEASE



NOTES

- 1 - DEVICE IS RATIONOMETRIC TO THE SUPPLY VOLTAGE
- 2 - DEVICE CAN OPERATE WITH CURRENT EXCITATION
- 3 - ALL FORCE RELATED SPECIFICATIONS ESTABLISHED BY USING DEAD WEIGHT OR COMPLIANT FORCE
- 4 SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN OUTPUT AT MAXIMUM RATED OPERATING FORCE AND OUTPUT AT 0 GRAMS
- 5 SPAN VERIFIED AT 1500 GRAMS
- 6 MEASURED AT 1500 GRAMS
- 7 TEMPERATURE ERROR IS CALCULATED WITH RESPECT TO 25°C
- 8 LASER BRAND CATALOG LISTING AND DATE CODE ON THIS SURFACE. PACKING STYLE IS NOT LASER BRANDED ON PRODUCT
- 9 PIN 1 IS DESIGNATED BY THE LASER-MARKED SURFACE
- 10 - MAXIMUM PEAK SMT REFLOW TEMPERATURE OF 260°C [500°F] FOR 10 SECONDS.
- 11 - MANUAL SOLDERING RECOMMENDATION: 5 SECONDS AT 315°C PER LEAD
- 12 - NOMINAL DIMENSION AND TOLERANCE APPLY IN BALL-UP ORIENTATION ONLY

SUGGESTED LAND PATTERN
FOR LEAD STYLE "S"

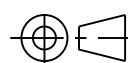
CATALOG LISTING	PRODUCT CODE	COLOR	LASER BRAND
FSS1500NSB	DXF2004	BLACK	FS1500NS
FSS1500NSR	DXF2005	BLACK	FS1500NS
FSS1500NST	DXF2006	BLACK	FS1500NS



UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

NO. PLACE	X	±.040	±.1
ONE PLACE	.X	±.030	±0.4
TWO PLACE	.XX	±.015	±0.15
THREE PLACE	.XXX	±.005	±
ANGLES		±	±
RAW MATERIAL-COMMERCIAL STANDARD			

THIRD ANGLE PROJECTION

OPERATING CHARACTERISTICS
at 5.00±.01 VDC, 25°C, UNLESS OTHERWISE NOTED

PARAMETER	MIN	NOM	MAX	UNITS
SUPPLY VOLTAGE	3.0	5.0	6.0	V
OPERATING FORCE	0		1500	grams
NULL OFFSET	-15	0	15	mV
SPAN $\triangle 4 \triangle 5$	150	180	210	mV
SENSITIVITY	.10	.12	.14	mV/gram
	MIN	TYP	MAX	UNITS
LINEARITY (BFSL) $\triangle 6$	-15	±0.7	15	% SPAN
REPEATABILITY AT 300g		±15		mV
MECHANICAL HYSTERESIS		±0.5		% SPAN
NULL SHIFT $\triangle 7$ (25°C to 0°C, 25°C to 50°C)		±0.5		mV
SPAN SHIFT (25°C to 0°C) $\triangle 7$		5.5		% SPAN
SPAN SHIFT (25°C to 50°C) $\triangle 7$		-5.5		% SPAN
OVER FORCE			4500	grams
	MIN	NOM	MAX	UNITS
INPUT RESISTANCE	4.0K	5.0K	6.0K	ohms
OUTPUT RESISTANCE	4.0K	5.0K	6.0K	ohms
OPERATING TEMPERATURE (-40°C to 85°C)				
STORAGE TEMPERATURE (-40°C to 100°C)				
MCTF 20 MILLION				

CATALOGING SYSTEM

FS S 1500 N S T xx

PACKAGE STYLE
(S) SURFACE MOUNTOPERATING FORCE RANGE
(1500) 1500 GRAMSTEMP COMPENSATION
(C) COMPENSATED
(N) NON-COMPENSATEDLEAD STYLE
(G) GULL WING
(S) STRAIGHTPACKING OPTION
(B) BLISTER PACK
(R) TAPE AND REEL
(T) TUBE

SPECIAL FEATURE, BLANK = STANDARD

Honeywell

SENSOR, FORCE

TITLE

SIZE

DWG TYPE

DRAWING NAME

FS SERIES CHART 1

REV

7

SCALE

8:1

WEIGHT

SHEET

1 OF 1