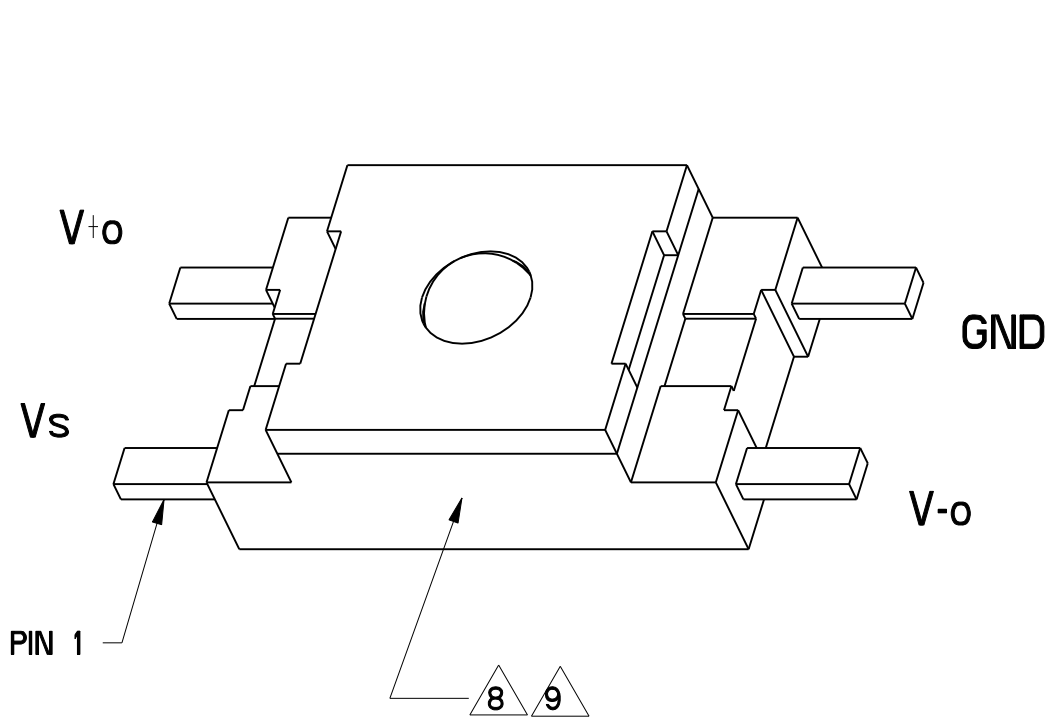
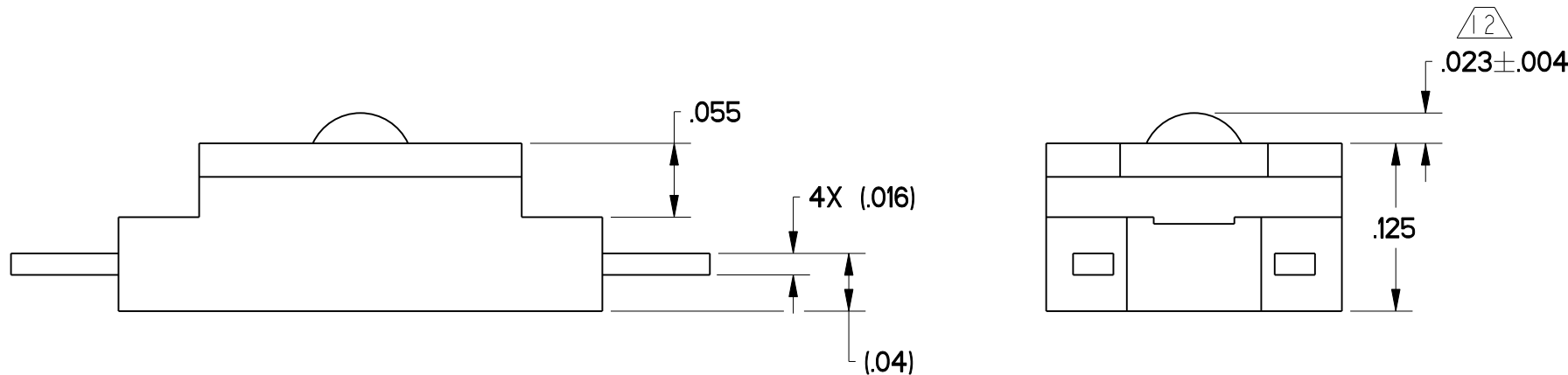
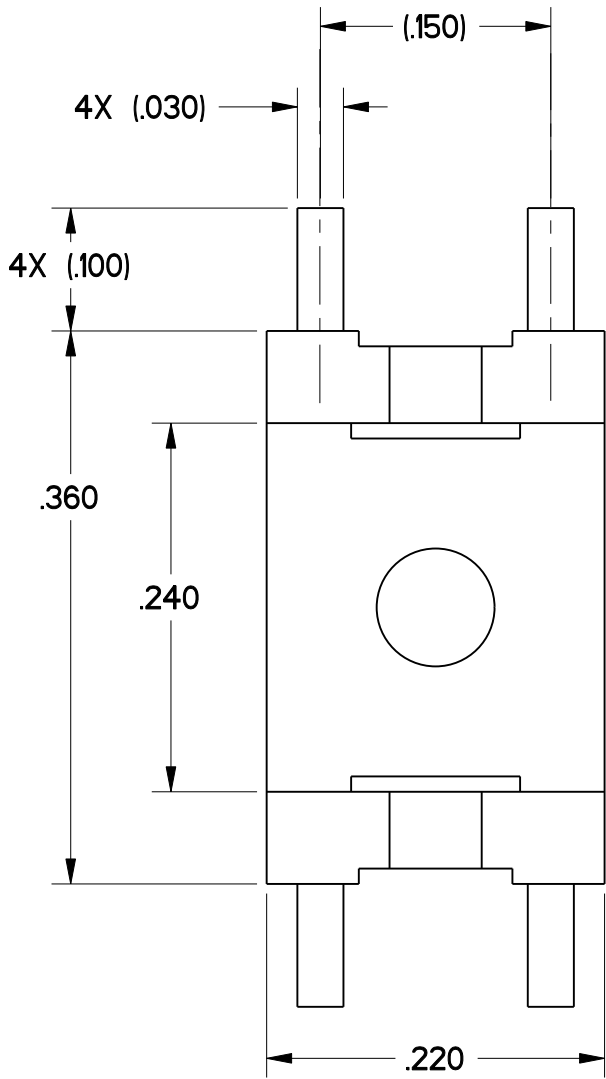


REV	DOCUMENT	CHANGED BY	CHECK
4	00007140	RS 10AUG04	AK



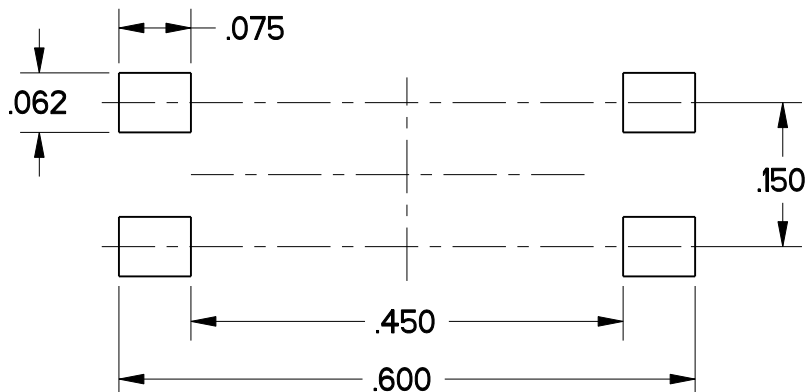
PRE-LAUNCH RELEASE



NOTES

- 1 - DEVICE IS RATIOMETRIC 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 200°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"



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			☒ US (inch) CUSTOMARY	☐ SI (mm) METRIC	DRAWN SAV 27JUL04	Honeywell		
THIRD ANGLE PROJECTION					CHECK SAV 27JUL04			
THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.			DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED			TITLE		
3D PTC			ASME Y14.5M-1994			SIZE C	DWG TYPE I	DRAWING NAME FS SERIES CHART 1
						SCALE 8:1	WEIGHT	SHEET 1 OF 1

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 4 5	150	180	210	mV
SENSITIVITY	.10	.12	.14	mV/gram
LINEARITY (BFSL) 6	-15	±0.7	15	% SPAN
REPEATABILITY AT 300g		±15		mV
MECHANICAL HYSTERESIS		±0.5		% SPAN
NULL SHIFT 7 (25°C to 0°C, 25°C to 50°C)		±0.5		mV
SPAN SHIFT (25°C to 0°C) 7		5.5		% SPAN
SPAN SHIFT (25°C to 50°C) 7		-5.5		% SPAN
OVER FORCE			4500	grams
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 MOUNT

OPERATING FORCE RANGE _____
(1500) 1500 GRAMS

TEMP COMPENSATION _____
(C) COMPENSATED
(N) NON-COMPENSATED

LEAD STYLE _____
(G) GULL WING
(S) STRAIGHT

PACKING OPTION _____
(B) BLISTER PACK
(R) TAPE AND REEL
(T) TUBE

SPECIAL FEATURE, BLANK = STANDARD _____

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