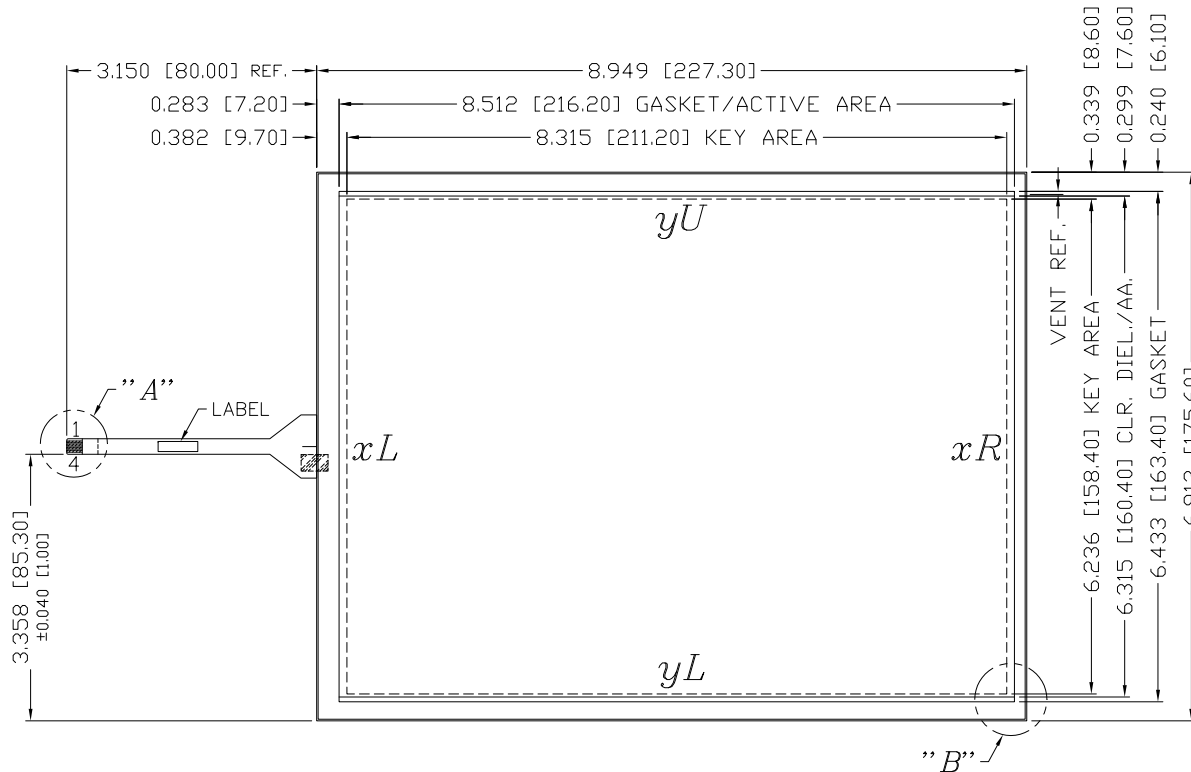


SENSOR SPECIFICATION

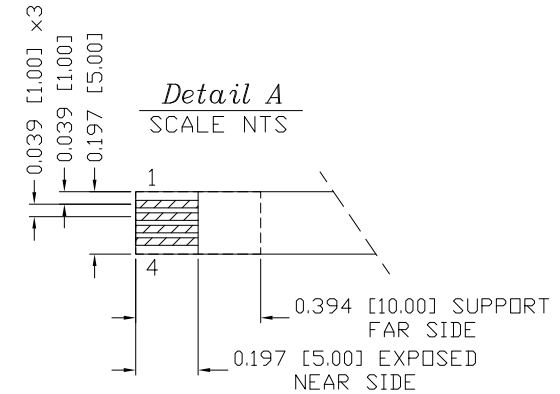
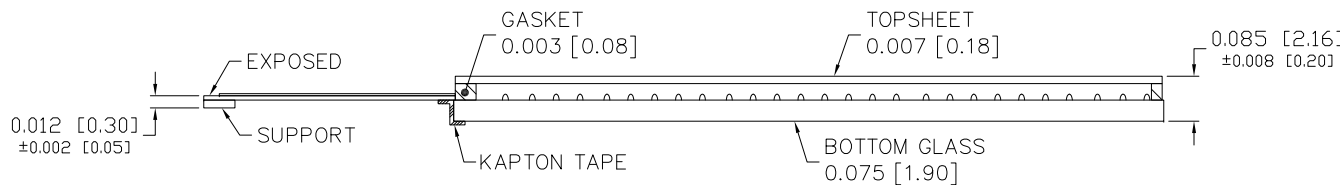
LINEARITY	ACTUATION FORCE	OPTICAL PER.
±1.5% AVG 3% MAX. DEV.	0.10 N (10 g) Min., 0.79 N (80 g) Max. STYLUS: R0.8 TIP, FINGER: R3.0 TIP	79% TRANSPARENCY PER JIS K7361-1

REVISIONS		
REVISION	DESCRIPTION	DATE
1990 Rev.0	INITIAL RELEASE	08/22/07
1991 Rev.0	ECO#271102/PCN#126 (Glass Change)	02/09/18



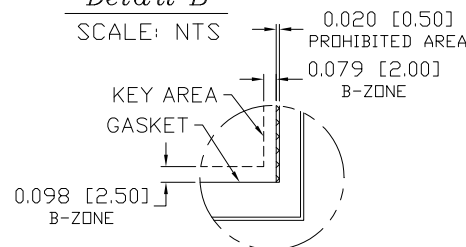
GENERAL NOTES:

- TOP FILM OFFSET FROM BOTTOM GLASS 0.020 [0.50].
- MAX. VOLTAGE & CURRENT: 5 VDC, LESS THEN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
- OPERATION TEMPERATURE: -10° TO 60°C
- OPERATION HUMIDITY: < 40°C 20% to 95% RH NO CONDENSATION.
- STORAGE TEMPERATURE: -20°C TO 70°C
- FFC BEND R > 2.0MM NO SHARP CREASE
- SURFACE HARDNESS: 3H AS PER JIS K 5400
- COSMETIC INSPECTION: GRADE 3x
- TERMINAL RESISTANCE:
YU-YL = 240-720Ω
XR-XL = 250-640Ω



Detail B

SCALE: NTS



PIN OUT	
1	XL
2	YU
3	XR
4	YL

CAD DRAWING NOTICE		DEC. TOLERANCES: .XXX = ±0.020 [.XX] = ±[0.51]	DESIGNER: VTRINH 08/22/07 CHKD.		
THIS DRAWING EMBODIES A PROPRIETARY DESIGN ORIGINATED BY GUNZE ELECTRONICS USA CORPORATION AND SHALL NOT BE DISCLOSED, USED, OR DUPLICATED FOR PROCUREMENT OR MANUFACTURING PURPOSES, UNLESS SPECIFICALLY AUTHORIZED BY GUNZE ELECTRONICS USA CORPORATION. ALL PATENT RIGHTS RELATING HERETO ARE EXPRESSLY RESERVED FOR GUNZE ELECTRONICS USA CORPORATION. This notice shall be marked on any reproduction hereof in whole or part.		ANGULAR TOL = ±1° FRAC. TOL. X/X = ±1/16	DESIGN ENG. LHRUIZ 08/22/07 VIEW POINT:		Gunze Electronics USA Corporation 2113 Wells Branch Parkway Austin, Texas 78728 TITLE: SENSOR, 10.4D 4-WIRE
DIM CODE: [MILLIMETERS]	CUSTOMER PART #:	MATERIAL SPEC.		PART NO. 100-1191	SCALE: 1 : 1
			RLS.: 02/09/18	CUSTOMER ID: GUNZE USA	REVISION: 0