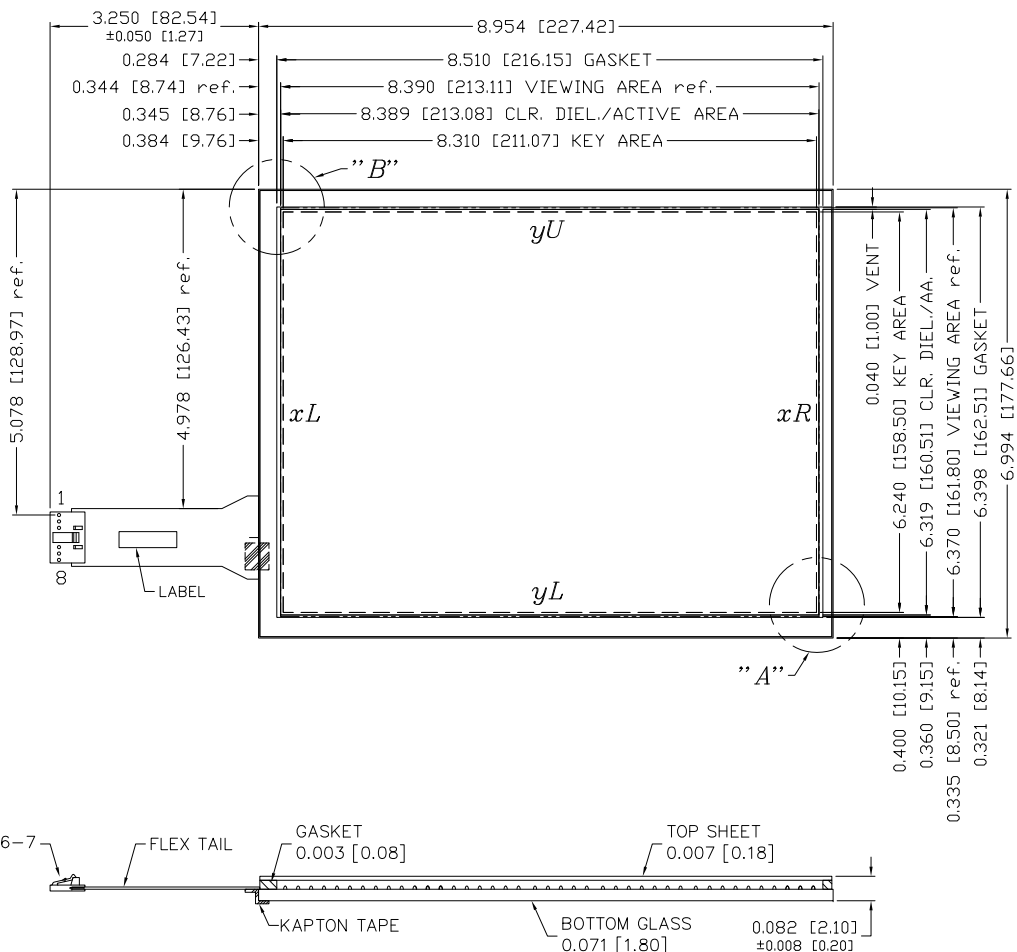
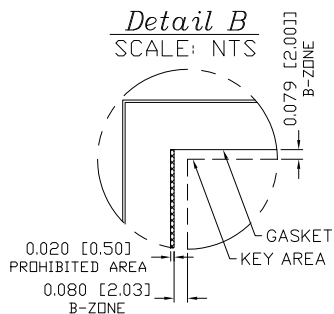


SENSOR SPECIFICATION

LINEARITY	ACTUATION FORCE	OPTICAL PER.
±1.5% AVG 3% MAX. DEV.	0.10 N (10 g) Min., 0.8N (80 g) Max. FINGER OR STYLUS, R0.8 TIP	79% TRANSPARENCY As per JIS K7361-1

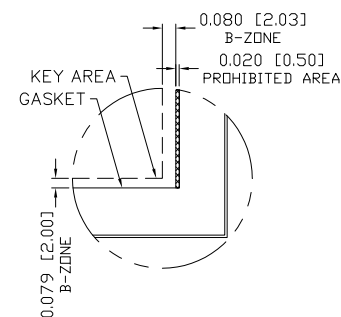
REVISIONS		
REV.	DESCRIPTION	DATE
0	ECO #270703	01/26/07
A	UPDATE DRAWING, B-ZONE DETAILS TO CURRENT STANDARD.	02/03/16
B		
C		
D		
E		
F		
G		



GENERAL NOTES:

1. TOPSHEET FROM BOTTOM OFFSET 0.020 [0.50] FROM PERIMETERS EDGE.
2. MAX. VOLTAGE & CURRENT: 5 VDC, LESS THEN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
3. COSMETIC INSPECTION: GUNZE GRADE 3X
4. OPERATION TEMPERATURE: -10°C TO 60°C
5. OPERATION HUMIDITY: < 40°C 20% TO 95% RH NO CONDENSATION.
6. STORAGE TEMPERATURE: -20°C TO 70°C
7. FFC BEND R > 2.0mm.
8. SURFACE HARDNESS 3H (As per JIS K 5400.)
9. TERMINAL RESISTANCE:
XL-XR = 250-760Ω
YU-YL = 240-830Ω

Detail A SCALE: NTS



PIN OUT		
1	YU	TOP EXCITE
2	YU REF	TOP SENSE
3	XL REF	LEFT SENSE
4	XL	LEFT EXCITE
5	YL	BOT. EXCITE
6	YL REF	BOT. SENSE
7	XR REF	RIGHT SENSE
8	XR	RIGHT EXCITE

CAD DRAWING	DEC. TOLERANCES:	DESIGNER.
NOTICE	.XXX = ±0.020	PLONG 01/26/07
	[.XX] = ±[0.51]	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°	DESIGN ENG.
	FRAC. TOL. XX = ±1/16	LHRUIZ 01/26/07
	DIM CODE: INCHES [MILLIMETERS]	VIEW POINT:
	CUSTOMER PART#	
MATERIAL SPEC.	RLSE:	02/03/16

Gunze Electronics USA Corporation
2113 Wells Branch Parkway
Austin, Texas 78728

TITLE:
(PL 8 10.4)
SENSOR 10.4D, 8-WIRE

PART NO.	100-0731	SCALE:	1 : 1
CUSTOMER ID:	GUNZE USA	REVISION:	A