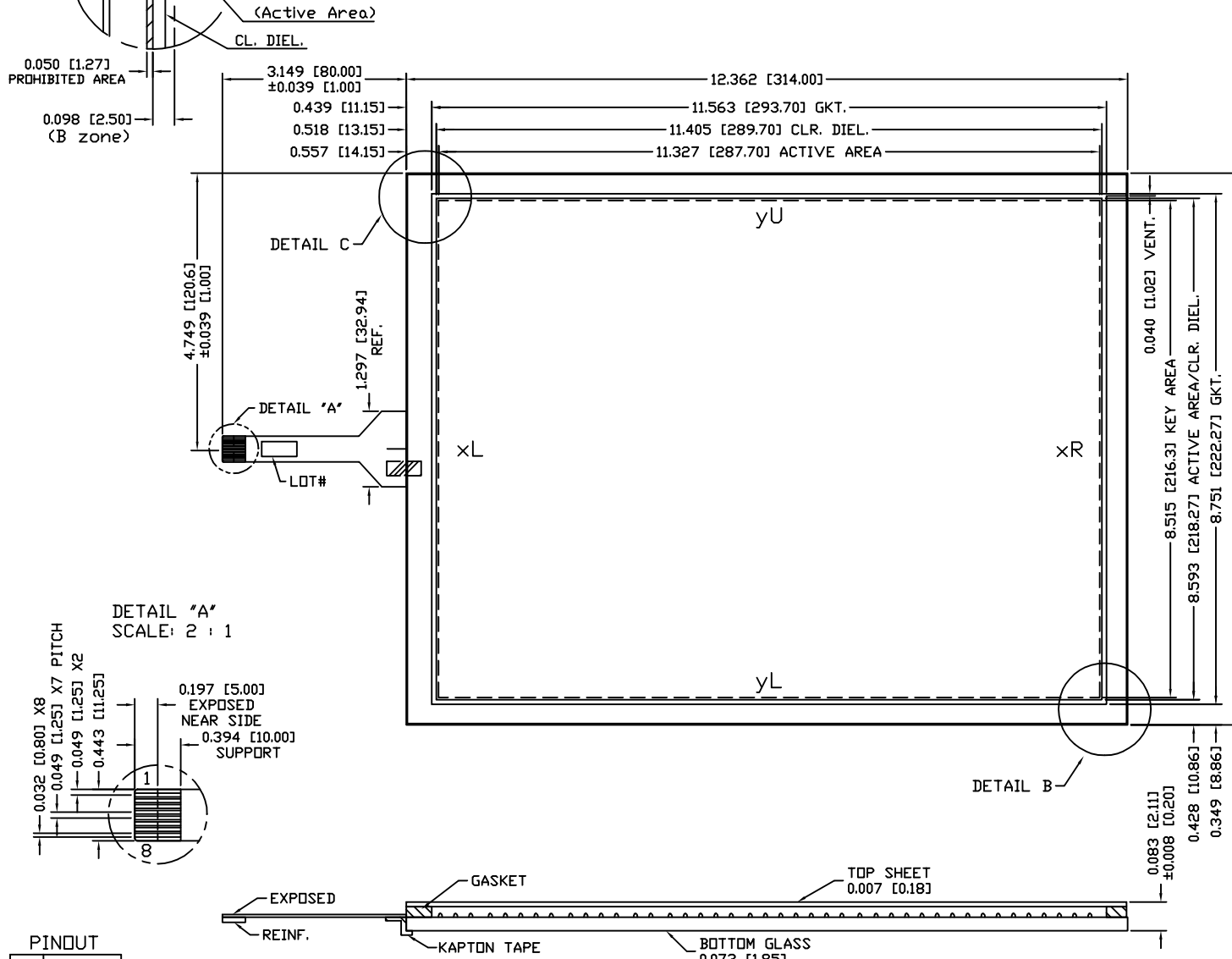


DETAIL C  
REFERENCE

# 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 OR FINGER	79% TRANSPARENCY PER JIS K7361-1

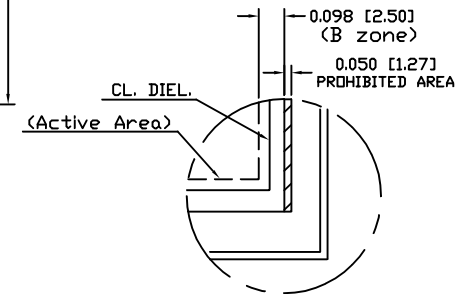
REVISIONS		
REV.	DESCRIPTION	DATE
0	ECD #280416 MACOLA CONVERSION	05/13/08
1		
2		
3		
4		
5		
6		
7		



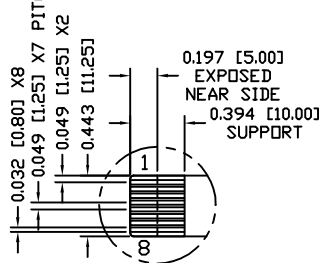
## GENERAL NOTES:

- TOPSHEET 0.02 FROM GLASS PERIMETER ALL AROUND.
- MAX. VOLTAGE & CURRENT: 5 VDC, LESS THEN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
- OPERATION TEMPERATURE: 0°C TO 50°C
- OPERATION HUMIDITY: 20% TO 85% NO CONDENSATION.
- STORAGE TEMPERATURE: -10°C TO 60°C
- FFC BEND R > 2.0mm NO SHARP CREASE.
- SURFACE HARDNESS: 3H AS PER JIS K 5400
- COSMETIC INSPECTION: GRADE 3x
- TERMINAL RESISTANCE:  
4xR-3xL = 250-680 Ohms  
5yU-8yL = 240-770 Ohms

## DETAIL B REFERENCE



## DETAIL "A" SCALE: 2 : 1



## PINOUT

1	XR REF.
2	XL REF.
3	XL
4	XR
5	YU
6	YU REF.
7	YL REF.
8	YL

DRAWING INCOMPLETE WITHOUT BOM!

CAD DRAWING NOTICE		DEC. TOLERANCES: .XXX = ±0.020 [.XX] = ±[0.51]		DESIGNER: RPESINA 5/4/06	
<small>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.</small>		<small>ANGULAR TOL. = ±1° FRAC. TOL. XX = ±1/16</small>		<small>CHKD.</small>	
		<small>DIM CODE: [INCHES] [MILLIMETERS]</small>		<small>DESIGN ENG. LHRUIZ 09/15/08</small>	
<small>CUSTOMER PW:</small>		<small>VIEW POINT:</small>		<small>TITLE: G33-01 SENSOR 14.22D 8-WIRE</small>	
<small>MATERIAL SPEC:</small>		<small>DATE: 09/15/08</small>		<small>PART NO. 100-2320</small>	
		<small>SCALE: 1 : 1</small>		<small>CUSTOMER ID: GUNZE</small>	
				<small>REVISION: 0</small>	

**GUNZE USA**

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