

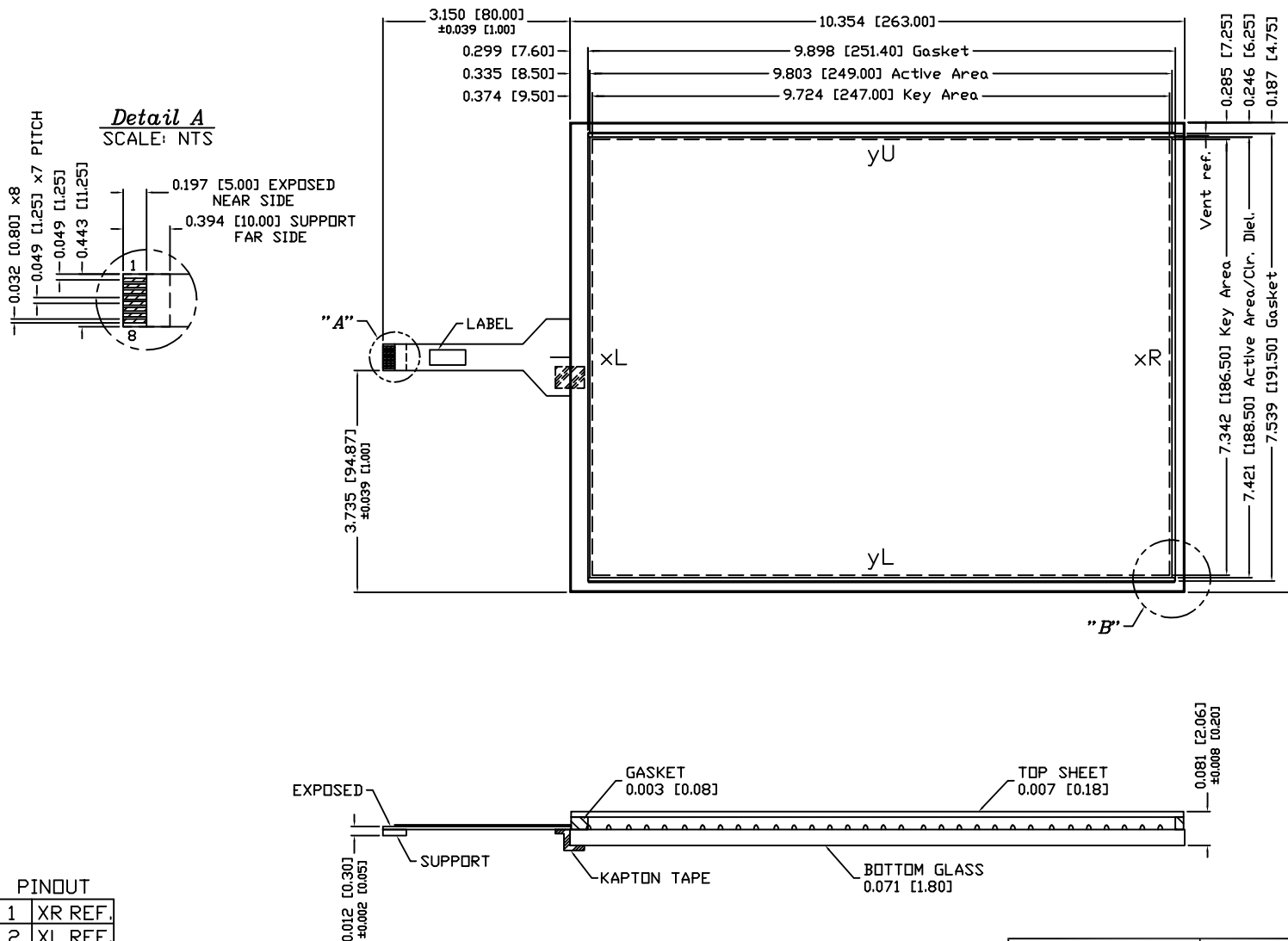
SENSOR SPECIFICATION

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

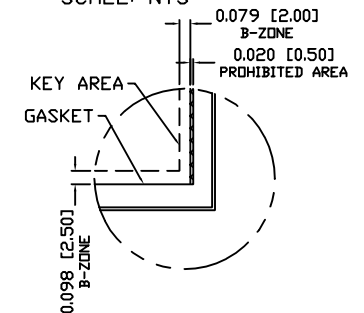
REVISIONS		
REV.	DESCRIPTION	DATE
0	ECO #280416: MACDLA CONVERSION	05/13/08
A		
B		
C		
D		
E		
F		
G		

GENERAL NOTES:

1. TOP FILM OFFSET FROM BOTTOM GLASS 0.020 [0.50]
2. MAX. VOLTAGE & CURRENT: 5 VDC, LESS THEN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
3. OPERATION TEMPERATURE: -10°C TO 60°C
4. OPERATION HUMIDITY: < 40°C 20% to 95% RH NO CONDENSATION.
5. STORAGE TEMPERATURE: -20°C TO 70°C
6. FFC BEND R > 2.0MM NO SHARP CREASE
7. SURFACE HARDNESS: 3H AS PER JIS K 5400
8. COSMETIC INSPECTION: GRADE 3x
9. TERMINAL RESISTANCE:
5YL-8YU = 250-740Ω
3XL-4XR = 250-650Ω



Detail B SCALE: NTS



PINOUT

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

CAD DRAWING	DEC. TOLERANCES:	DESIGNER
NOTICE	.XXX = ±0.020	KHILLIARD 07/15/08
	[.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 SPECIALLY 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 07/15/08
	DIM CODE: [INCHES] [MILLIMETERS]	VIEW POINT:
	CUSTOMER PART #:	
MATERIAL SPEC.	RLSE:	07/15/08

GUNZE USA	
Gunze Electronics USA Corporation 2113 Wells Branch Parkway Austin, Texas 78728	
TITLE: SENSOR, 12.1D 8-WIRE	
PART NO. 100-1700	SCALE: 1 : 1
CUSTOMER ID: GUNZE USA	REVISION: 0