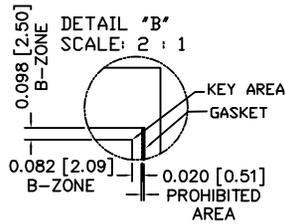


SENSOR SPECIFICATION

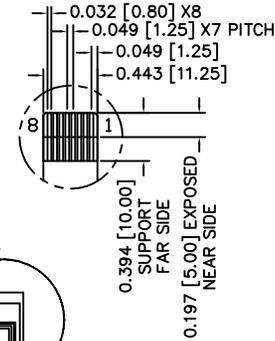
LINEARITY	ACTUATION FORCE	OPTICAL PER.
±1.5% AVG 3% MAX. DEV.	0.5 N (50g) Min., 2.5 N (250g) Max. STYLUS AND FINGER: R0.8 TIP	37% TRANSPARENCY PER JIS K7361

REVISIONS		
REV.	DESCRIPTION	DATE
A	MACOLA CONVERSION	05/13/08
B		
C		
D		
E		
F		
G		
H		



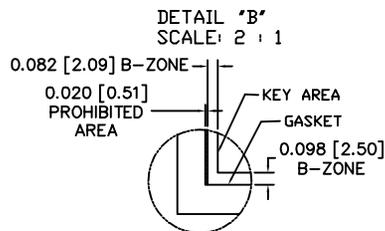
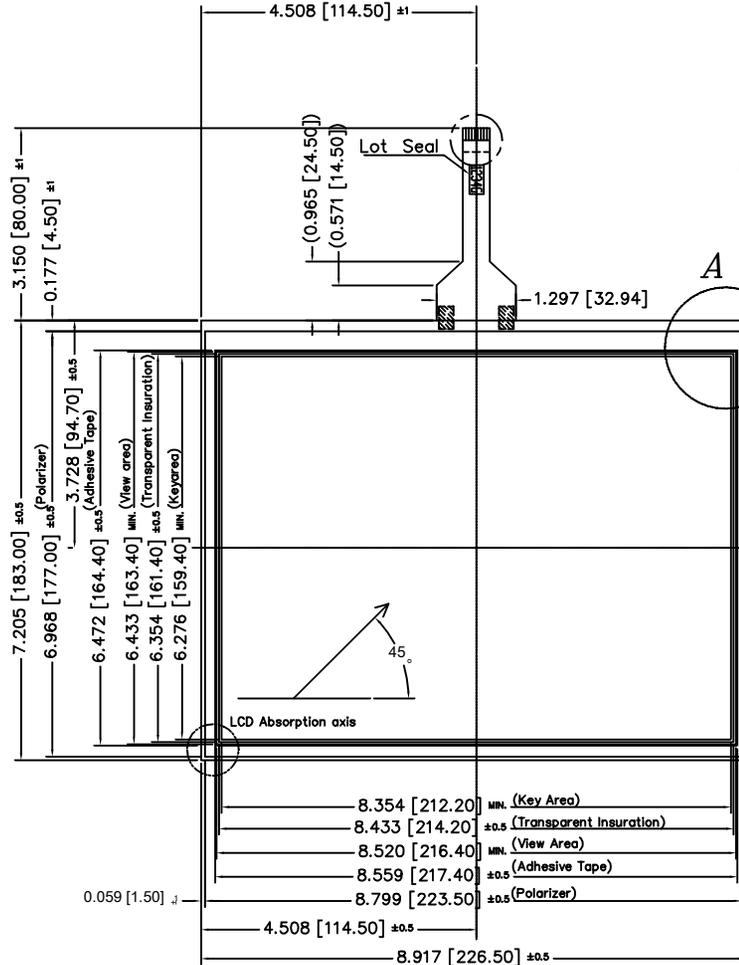
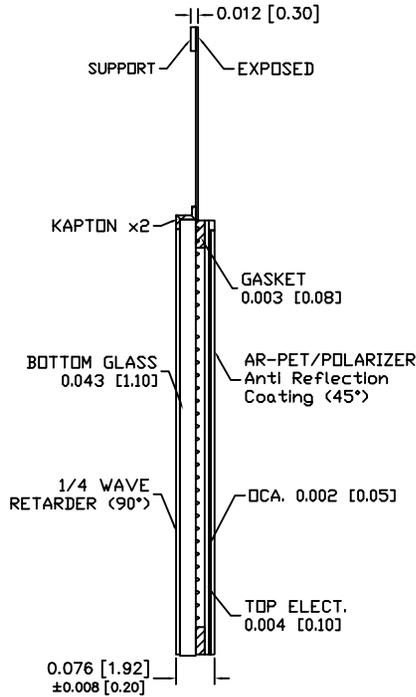
Front Surface
Conductive

DETAIL "A"
SCALE: 2:1



GENERAL NOTES:

1. TOPSHEET 0.02 FROM GLASS PERIMETER ALL AROUND.
2. MAX. VOLTAGE & CURRENT: 5 VDC, LESS THEN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
3. OPERATION TEMPERATURE: 0°C TO 50°C
4. OPERATION HUMIDITY: < 40°C 20% to 95% RH NO CONDENSATION.
5. STORAGE TEMPERATURE: -10°C TO 60°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:
xR - xL = 200-500 Ohms
yU - yL = 200-600 Ohms
10. TP SURFACE CLEANING: USE HEPTAIN OR A 3M CLEANING CLOTH # 3M Id : 70-0708-3375-4



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

*Conductive layer appeared along 4 sides
(insulated from Traces and Active Area)

**CAD DRAWING
NOTICE**

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DEC. TOLERANCES:
XXX = 0.020
[.XX] = ±0.51

ANGULAR TOL. = ±1/16
FRAC. TOL. XXX = ±1/16

DIM CODE: INCHES (MILLIMETERS)

CUSTOMER #: GEU-02-1D

MATERIAL SPEC.

DESIGNER: KHILLIARD 08/26/08
CHKD:
DESIGN ENG: LHRUIZ 08/26/08
VIEW POINT:
MATERIAL SPEC. DATE: 08/26/08

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

**TITLE: SENSOR 10.5D, 8-WIRE
45° POLARIZER**

PART NO. 150-1930	SCALE: 1:1
CUSTOMER ID: GUNZE JAPAN	REVISION: 0