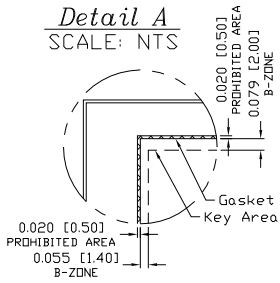


Detail A
SCALE: NTS



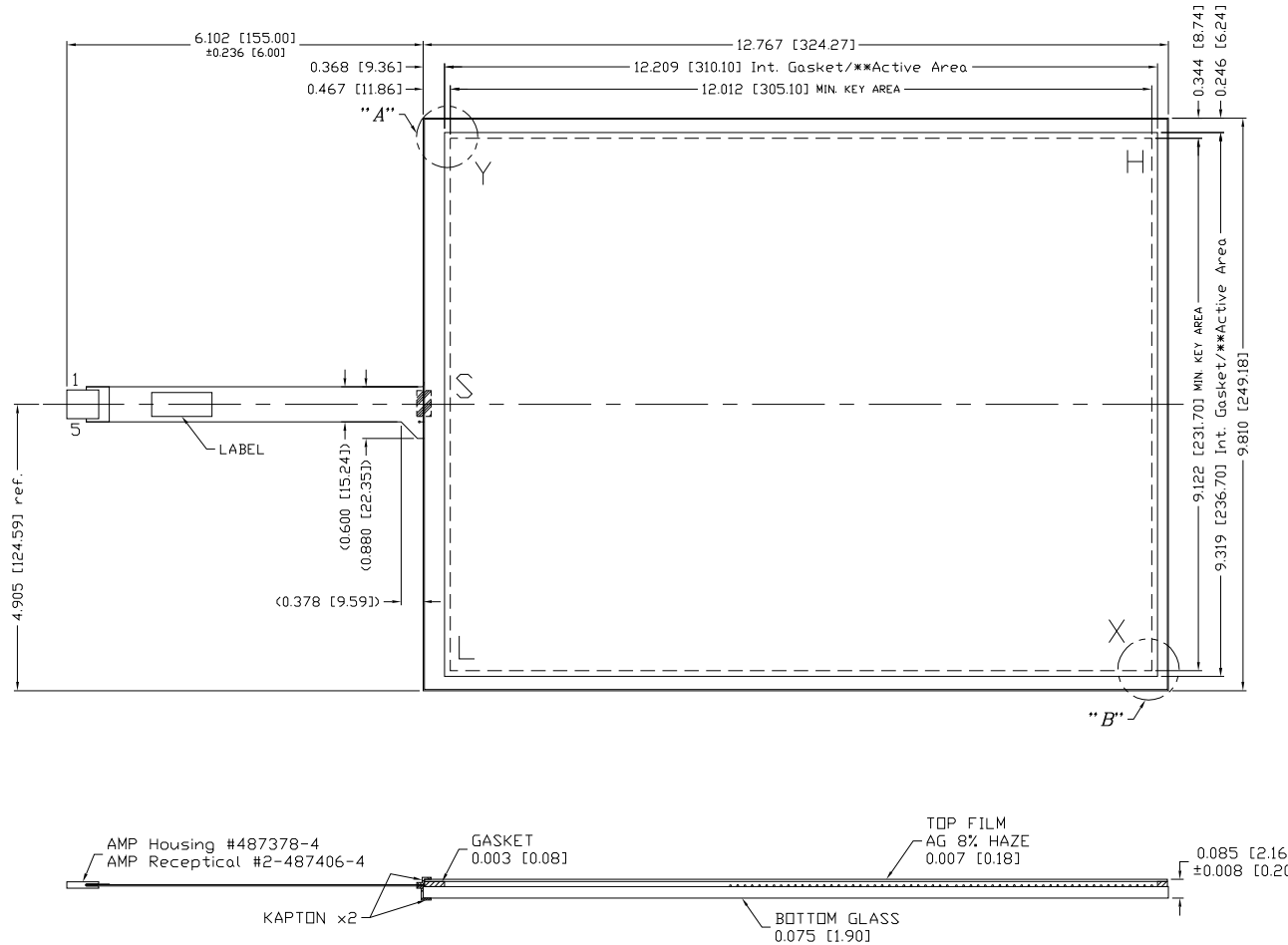
SENSOR SPECIFICATION

LINEARITY	ACTUATION FORCE	OPTICAL PER.
1.5% AVG 3% MAX. DEV.	0.1 N (10g) Min., 0.79 N (80g) Max. STYLUS: R0.8 TIP, FINGER: R3.0 TIP	78% TRANSPARENCY PER JIS K7361

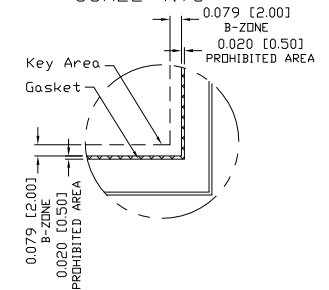
REVISIONS		
REV.	DESCRIPTION	DATE
0	ECD #211003	10/07/11
A	ECD #230506 CHANGE COSMETIC GRADE FROM 3 TO 5	05/20/13
B		
C		
D		
E		
F		
G		

GENERAL NOTES:

- TOPSHEET OFFSET 0.020 [0.50] FROM BOTTOM GLASS.
- MAX. VOLTAGE & CURRENT: 5 VDC, LESS THEN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
- OPERATION TEMPERATURE: -10°C TO 60°C
- HUMIDITY: < 40°C 20% to 95% RH NO CONDENSATION.
- STORAGE TEMPERATURE: -20°C TO 70°C
- FFC BEND R > 2.0MM NO SHARP CREASES
- SURFACE HARDNESS: 3H OR MORE (As per JIS K 5400.)
- COSMETIC INSPECTION: GRADE 5x
- **NOTE: TOUCH PANEL IS ACTIVE UP TO THE INTERNAL GASKET AREA.



Detail B
SCALE: NTS



PINOUT	
1	H
2	X
3	S
4	Y
5	L

<p>CAD DRAWING NOTICE</p> <p>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.</p>	<p>DEC. TOLERANCES: XXX = ±0.20 [.XX] = ±[0.51]</p> <p>ANGULAR TOL. = ±1° FRAG. TOL. XX = ±1/16</p>	<p>DESIGNER: VTRINH 12/11/09</p> <p>CHKD:</p> <p>DESIGN ENG. LHRUIZ 12/11/09</p> <p>VIEW POINT:</p>	<p>GUNZE USA</p> <p>Gunze Electronics USA Corporation 2113 Wells Branch Parkway Austin, Texas 78728</p> <p>TITLE: SENSOR, 15.1D 5-WIRE</p> <p>PART NO. 160-2912</p> <p>CUSTOMER ID: GUNZE USA</p>	
	<p>DIM CODE: INCHES [MILLIMETERS]</p> <p>CUSTOMER P#:</p> <p>MATERIAL SPEC.</p>	<p>RLSE: 05/20/13</p>		<p>SCALE: 1:1</p> <p>REVISION A</p>