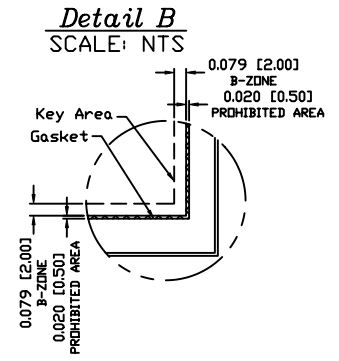
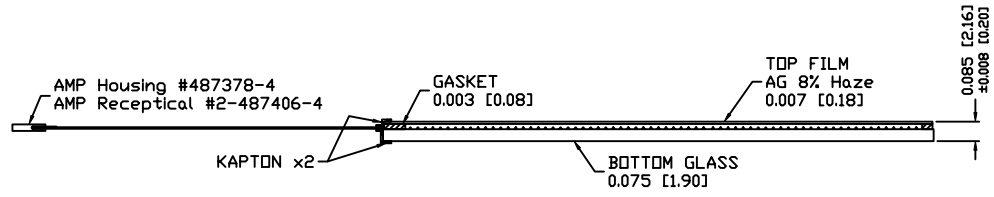
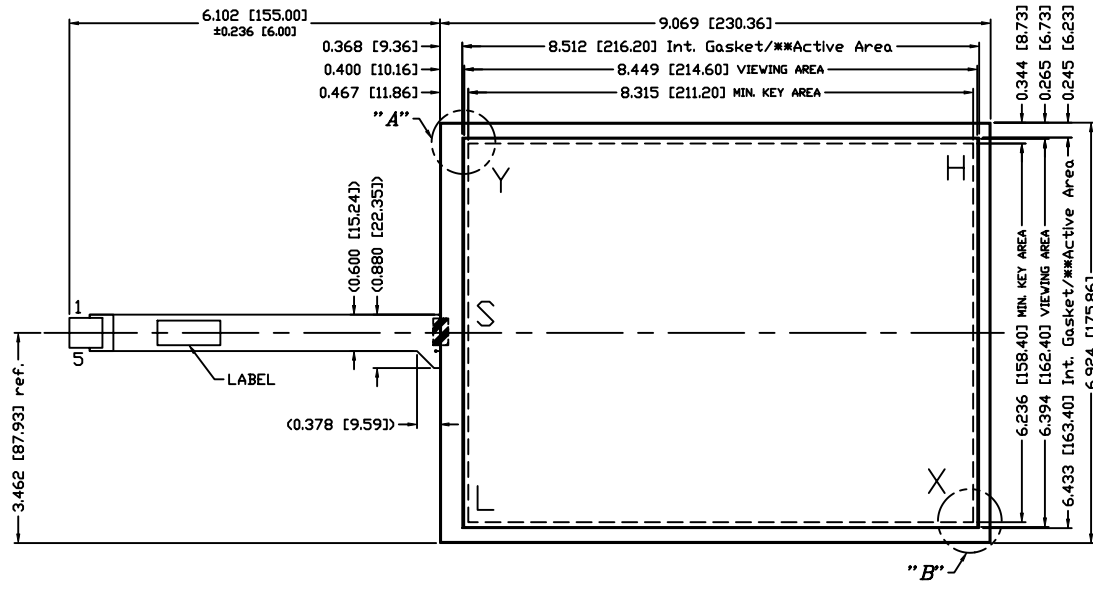
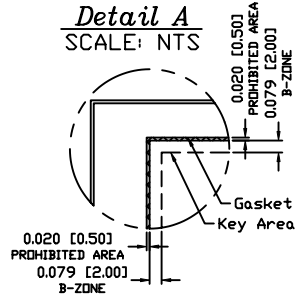


# SENSOR SPECIFICATION

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	79% TRANSPARENCY PER JIS K7361

REVISIONS		
REV.	DESCRIPTION	DATE
0	ECD #200508	05/11/10

- GENERAL NOTES:**
1. TOPSHEET OFFSET 0.020 [0.50] FROM BOTTOM GLASS.
  2. MAX. VOLTAGE & CURRENT: 5 VDC, LESS THAN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
  3. OPERATION TEMPERATURE: -10°C TO 60°C
  4. 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 CREASES
  7. SURFACE HARDNESS: 3H OR MORE (As per JIS K 5400.)
  8. COSMETIC INSPECTION: GRADE 3x
  9. \*\*NOTE: TOUCH PANEL IS ACTIVE UP TO THE INTERNAL GASKET AREA.



PINOUT	
1	H
2	X
3	S
4	Y
5	L

<b>CAD DRAWING NOTICE</b> <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>	<b>DEC. TOLERANCES:</b> .XXX = ±0.020 [0.51] ANGLUAR TOL = ±1° FRAC. TOL. XX = ±1/16 DIM CODE: [INCHES (MILLIMETERS)] CUSTOMER PR: MATERIAL SPEC.	DESIGNER: VTRINH 12/03/09 CHKD: DESIGN ENG: LHRUIZ 12/03/09 VIEW POINT: RLSE: 11/2/10	Gunze Electronics USA Corporation 2113 Wells Branch Parkway Austin, Texas 78728 <b>TITLE: SENSOR, 10.4D 5-WIRE</b> PART NO. 160-2872 CUSTOMER ID: GUNZE USA
			SCALE: 1:1 REVISION: 0