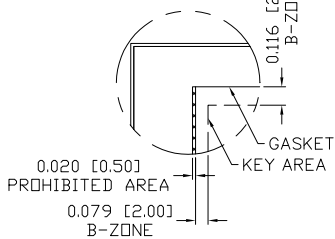


**Detail "B"**

SCALE: NTS



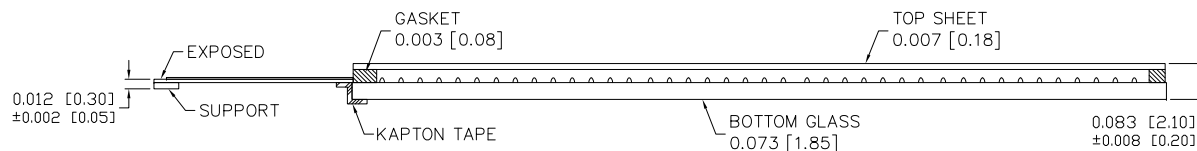
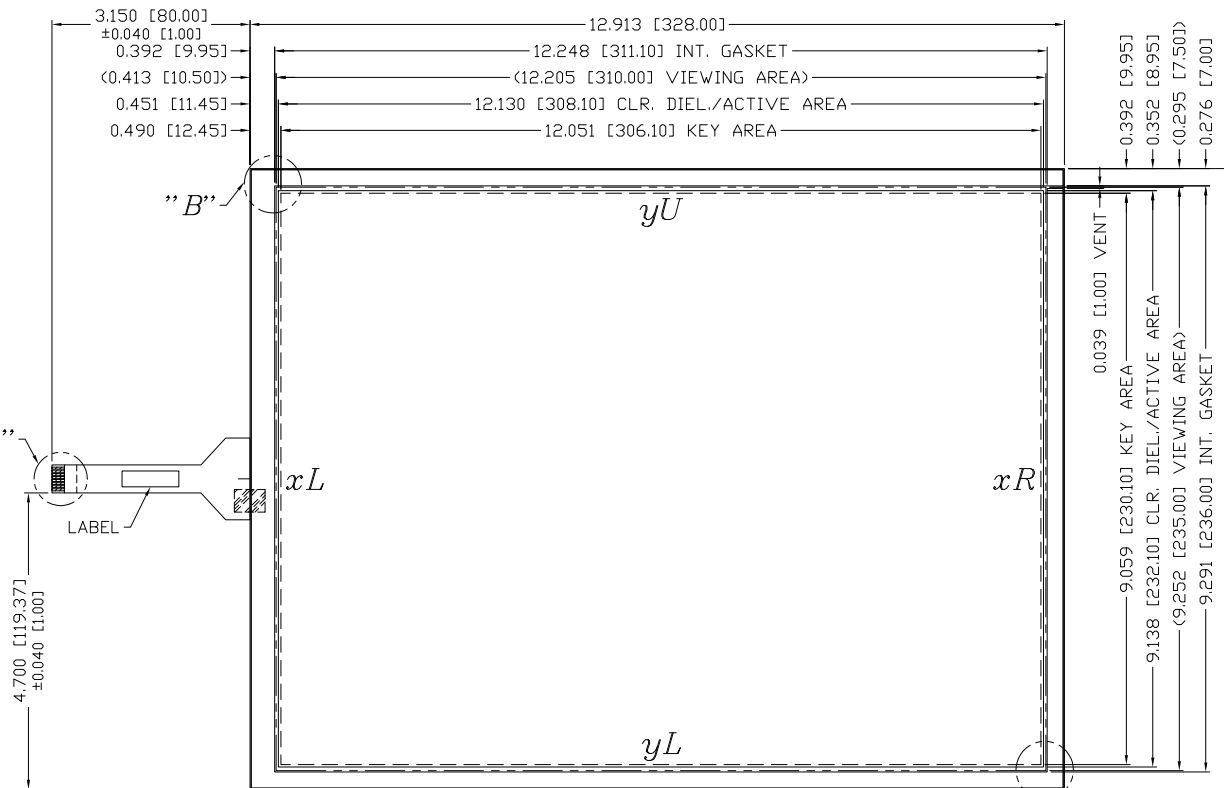
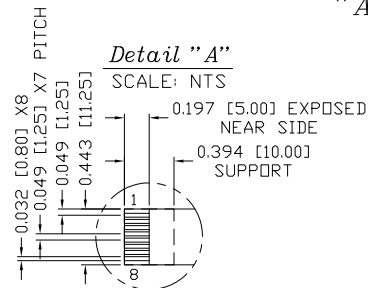
**SENSOR SPECIFICATION**

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	INITIAL RELEASE	08/14/07
A	CORRECT TITLE BLOCK & LINEARITY TEXT.	09/15/10
B	ECCO #230506 CHANGE COSMETIC GRADE FROM 3 TO 5.	05/17/13
C	UPDATE DRAWING WITH B-ZONE DETAILS.	01/13/16
D		
E		
F		
G		

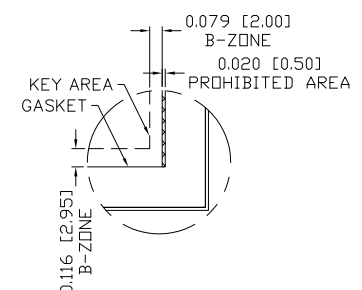
**GENERAL NOTES:**

- TOP FILM OFFSET FROM BOTTOM GLASS 0.020 [0.50].
- MAX. VOLTAGE & CURRENT: 5 VDC, LESS THEN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
- OPERATION TEMPERATURE: -10° TO 60°C
- OPERATION HUMIDITY: < 40°C 20% to 95% RH NO CONDENSATION.
- STORAGE TEMPERATURE: -20°C TO 70°C
- FFC BEND R > 2.0MM NO SHARP CREASE
- SURFACE HARDNESS: 3H AS PER JIS K 5400
- COSMETIC INSPECTION: GRADE 5x
- TERMINAL RESISTANCE:  
YU-YL = 250-690Ω  
XL-XR = 240-770Ω  
(08/04/16vt)



**Detail "C"**

SCALE: NTS



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

CAD DRAWING	DEC. TOLERANCES: .XXX = ±0.020 [.XX] = ±[0.51]
NOTICE	ANGULAR TOL = ±1' FRAC. TOL. X/X = ±1/16
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This notice shall be marked on any reproduction hereof in whole or part.	CUSTOMER PART #
	MATERIAL SPEC.

DESIGNER: PLONG 08/14/07	CHKD.
DESIGN ENG. LHRUIZ 08/14/07	VIEW POINT:
DATE: 05/17/13	

DESIGNER: PLONG 08/14/07	CHKD.
DESIGN ENG. LHRUIZ 08/14/07	VIEW POINT:
DATE: 05/17/13	

<b>GUNZE USA</b>	
Gunze Electronics USA Corporation 2113 Wells Branch Parkway Austin, Texas 78728	
TITLE: <b>G150-02-1D SENSOR, 15.0D 8-WIRE</b>	
PART NO. <b>100-1210</b>	SCALE: <b>1:1</b>
CUSTOMER ID: <b>GUNZE USA</b>	REVISION: <b>C</b>