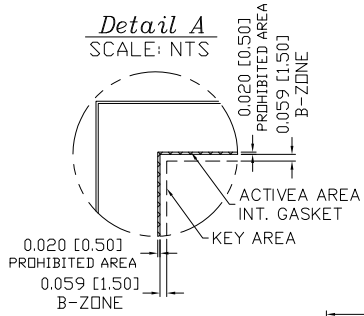


SENSOR SPECIFICATION

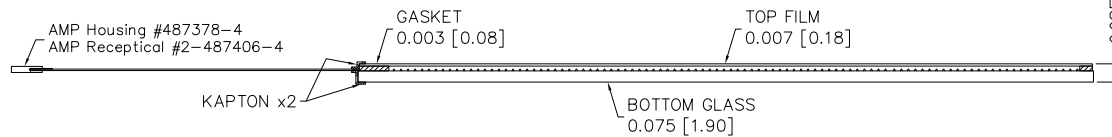
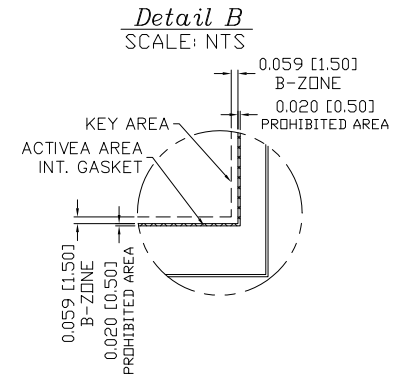
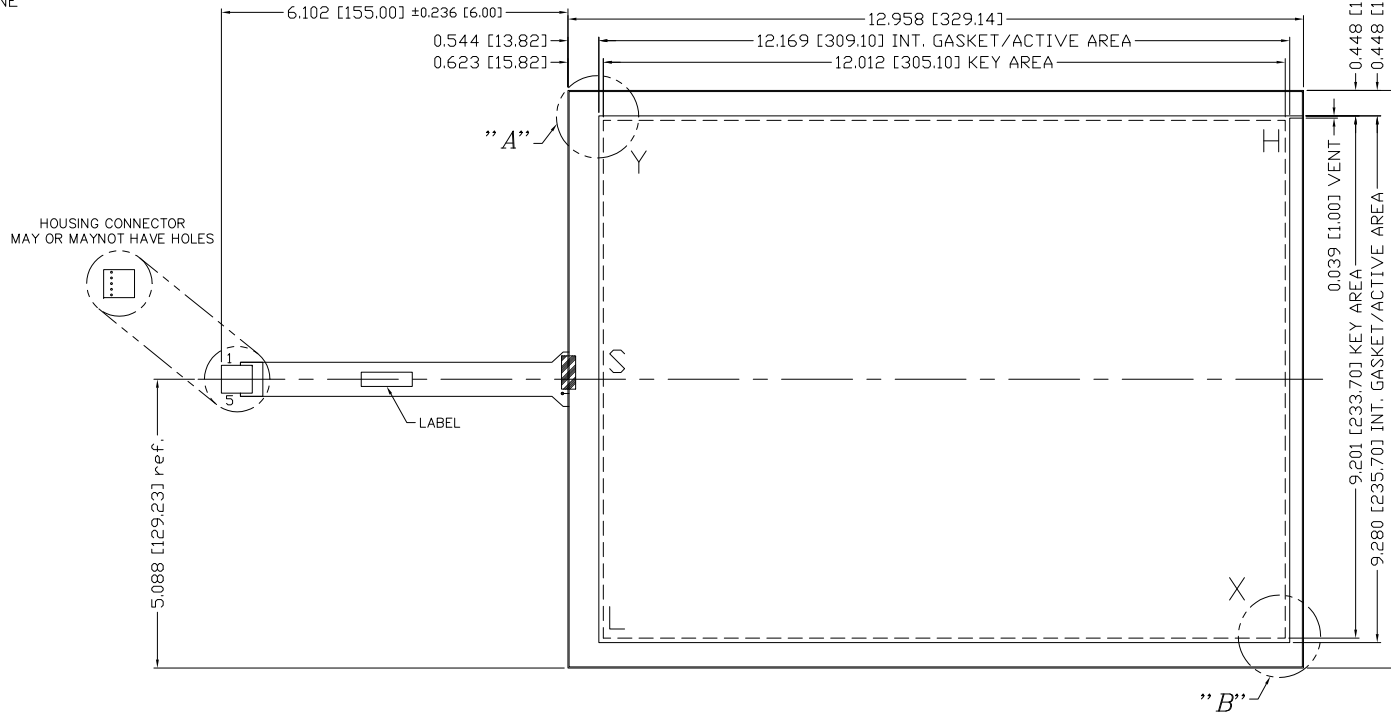
LINEARITY	ACTUATION FORCE	OPTICAL PER.
1.5% AVG 3% MAX. DEV.	0.1 N (10g) Min., 0.79 N (80g) Max. STYLUS: R0.8 TIP, FINGER: R3.0 TIP	78% TRANSPARENCY PER JIS K7361

REVISIONS		
REV.	DESCRIPTION	DATE
0	INITIAL RELEASE	09/11/14
A		
B		
C		
D		
E		
F		
G		



GENERAL NOTES:

1. TOPSHEET OFFSET 0.020 [0.50] FROM BOTTOM GLASS.
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. 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 5x
9. TOUCH PANEL IS ACTIVE UP TO INTERNAL GASKET AREA.

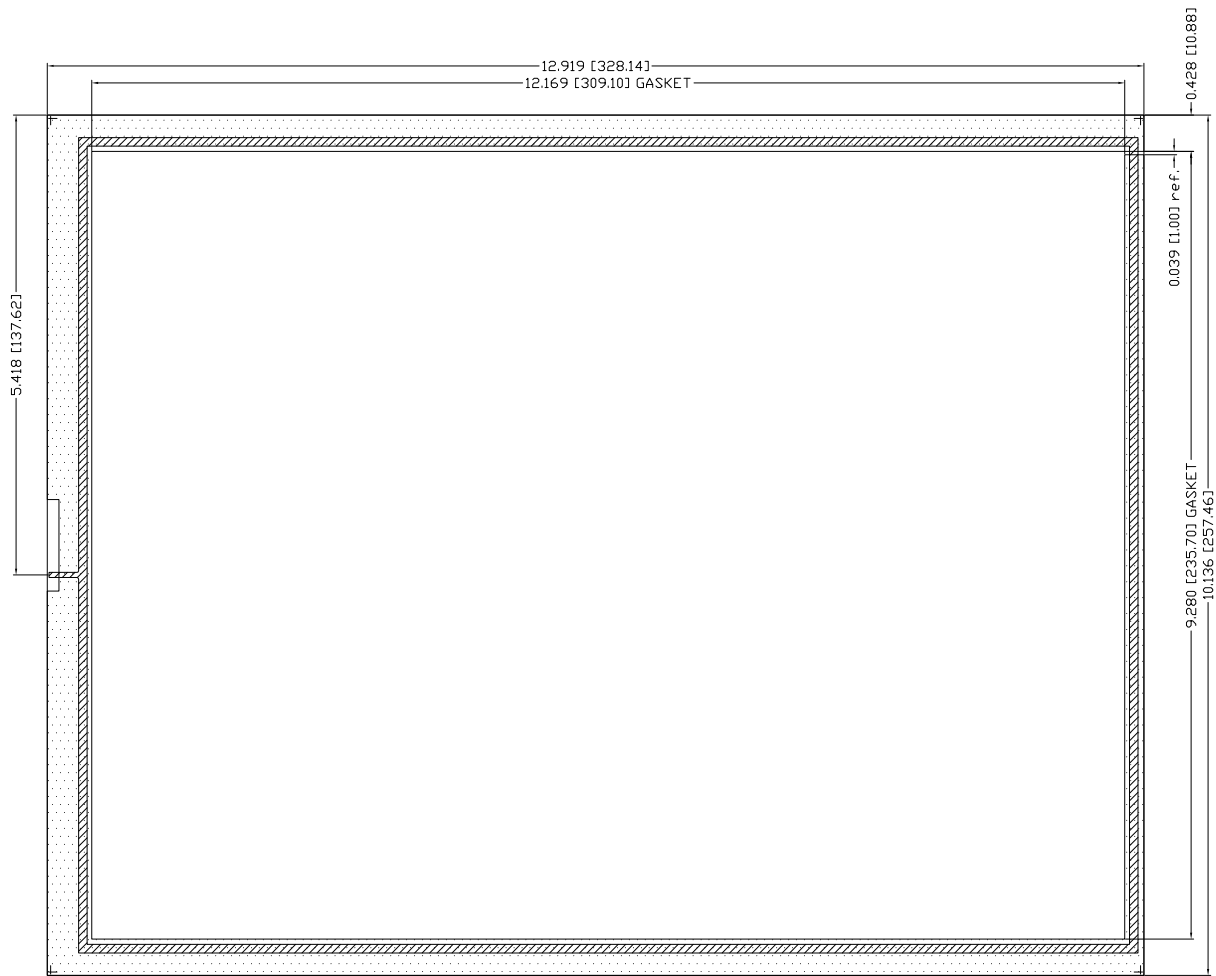


PINOUT	
1	H
2	X
3	S
4	Y
5	L

CAD DRAWING	DEC. TOLERANCES: .XXX = ±0.020 [.XX] = ±[0.51]	DESIGNER: VTRINH 09/11/14 CHKD.	GUNZE USA Gunze Electronics USA Corporation 2113 Wells Branch Parkway Austin, Texas 78728
NOTICE	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.	DESIGN ENG. LHRUIZ 09/11/14 VIEW POINT:	
	ANGULAR TOL. = ±1° FRAC. TOL. XX = ±1/16	DIM CODE: [INCHES] [MILLIMETERS]	SENSOR, 15.1D 5-WIRE
	CUSTOMER PR:	MATERIAL SPEC.	PART NO. 160-2914 SCALE: 1:1
		RLSE: 09/11/14	CUSTOMER ID: GUNZE USA REVISION: 0

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G		

NOTE:
1. PRINT/GASKET FAR SIDE.



- 0.007" ITO/FILM
- SILVER
- 0.003" GASKET

CAD DRAWING	DEC. TOLERANCES: XXX = ±0.020 [.XX] = ±[0.51]	DESIGNER: VTRINH 09/11/14
NOTICE	ANGULAR TOL. = ±1° FRAG. TOL. XX = ±1/16	CHKD.
<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>	DIM CODE: [] INCHES [] MILLIMETERS	DESIGN ENG. LHRUIZ 09/11/14
	MATERIAL SPEC.	VIEW POINT:
	COSMETIC SPEC.	RLSE: 09/11/14

GUNZE USA

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

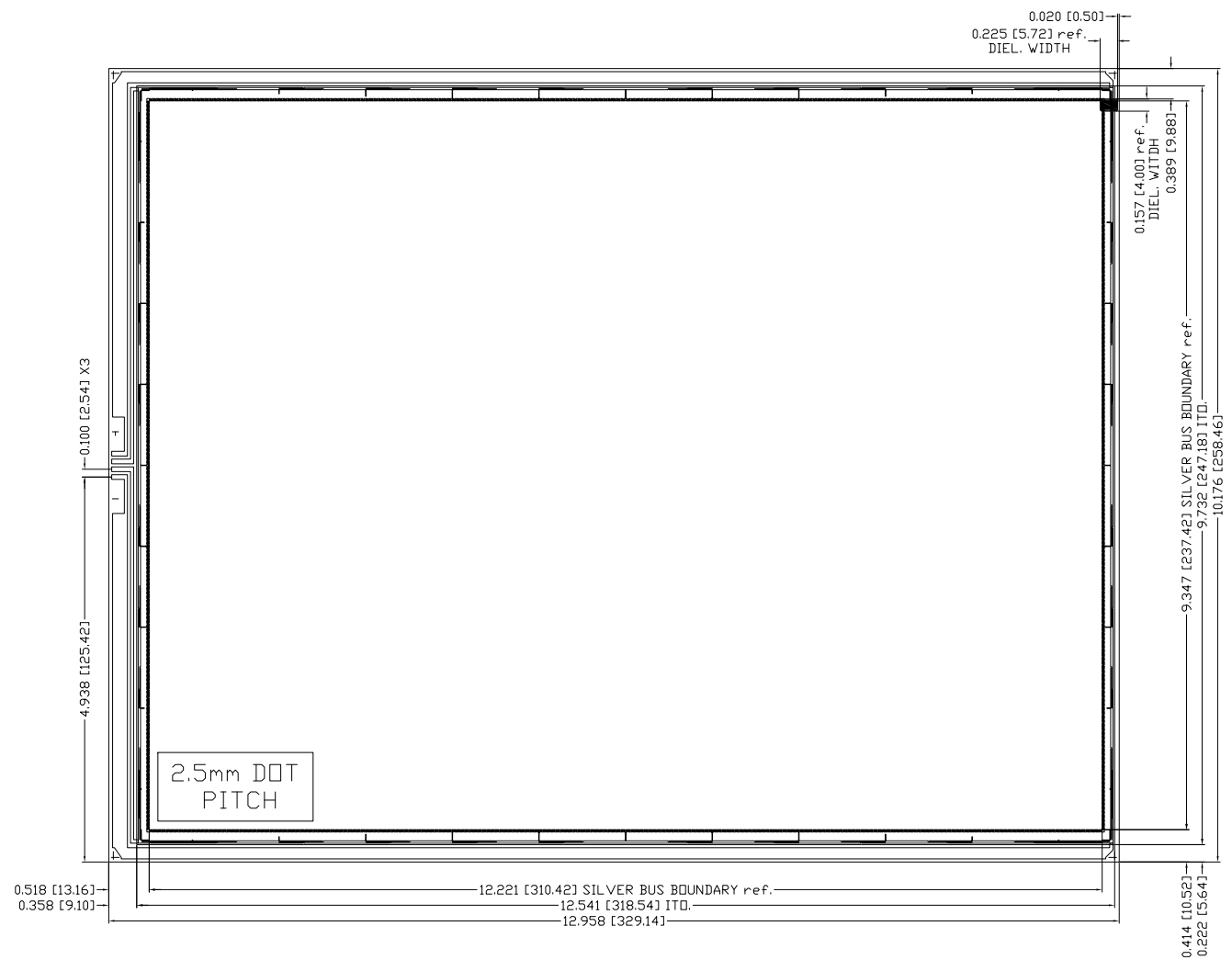
TITLE:
TOPSHEET SUBASSEMBLY

PART NO. **301-2914** SCALE: **2:1**

CUSTOMER ID: **GUNZE USA** REVISION: **0**

REVISIONS		
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B		
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E		
F		
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NOTE:
 1. ALL PRINTS NEAR SIDE.
 2. ONE PASS COMBINE SILVERS



2.5mm DOT
PITCH

- ■ DIELECTRIC
- □ COMBINE SILVERS
- ▨ GLASS/ITO

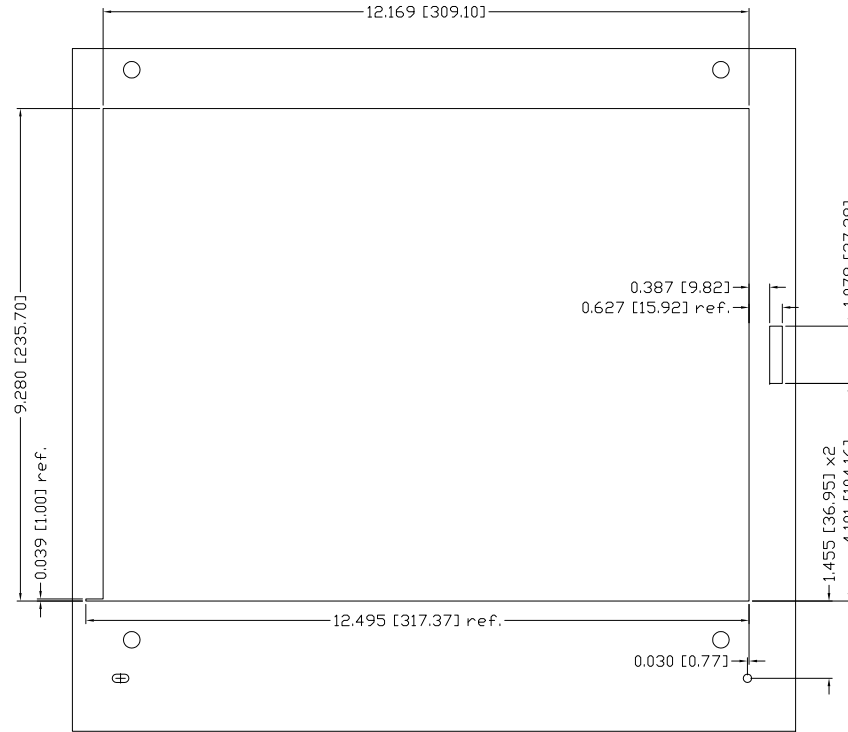
0.075 [1.90]
±0.008 [0.20]

CAD DRAWING NOTICE <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.</small> <small>This notice shall be marked on any reproduction hereof in whole or part.</small>	DEC. TOLERANCES: .XXX = ±0.020 [.XX] = ±[0.51] <small>ANGULAR TOL. = ±1° FRAG. TOL. -XX = ±1/16</small>	DESIGNER: VTRINH 09/11/14 <small>CHKD.</small>	
	DIM CODE: INCHES [MILLIMETERS]	DESIGN ENG. LHRUIZ 09/11/14 <small>VIEW POINT:</small>	
MATERIAL SPEC.		PART NO. 302-2914	SCALE: 2 : 1
COSMETIC SPEC.	RLSE: 09/11/14	CUSTOMER ID: GUNZE USA	REVISION: 0

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PART TOLERANCE = ± 0.012 [0.30]



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	DIM CODE: INCHES (MILLIMETERS)	DESIGN ENG. LHRUIZ 09/11/14 VIEW POINT:	
MATERIAL SPEC.		PART NO. 304-2914	SCALE: 1 : 1
COSMETIC SPEC.	RLSE: 09/11/14	CUSTOMER ID: GUNZE USA	REVISION: 0

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