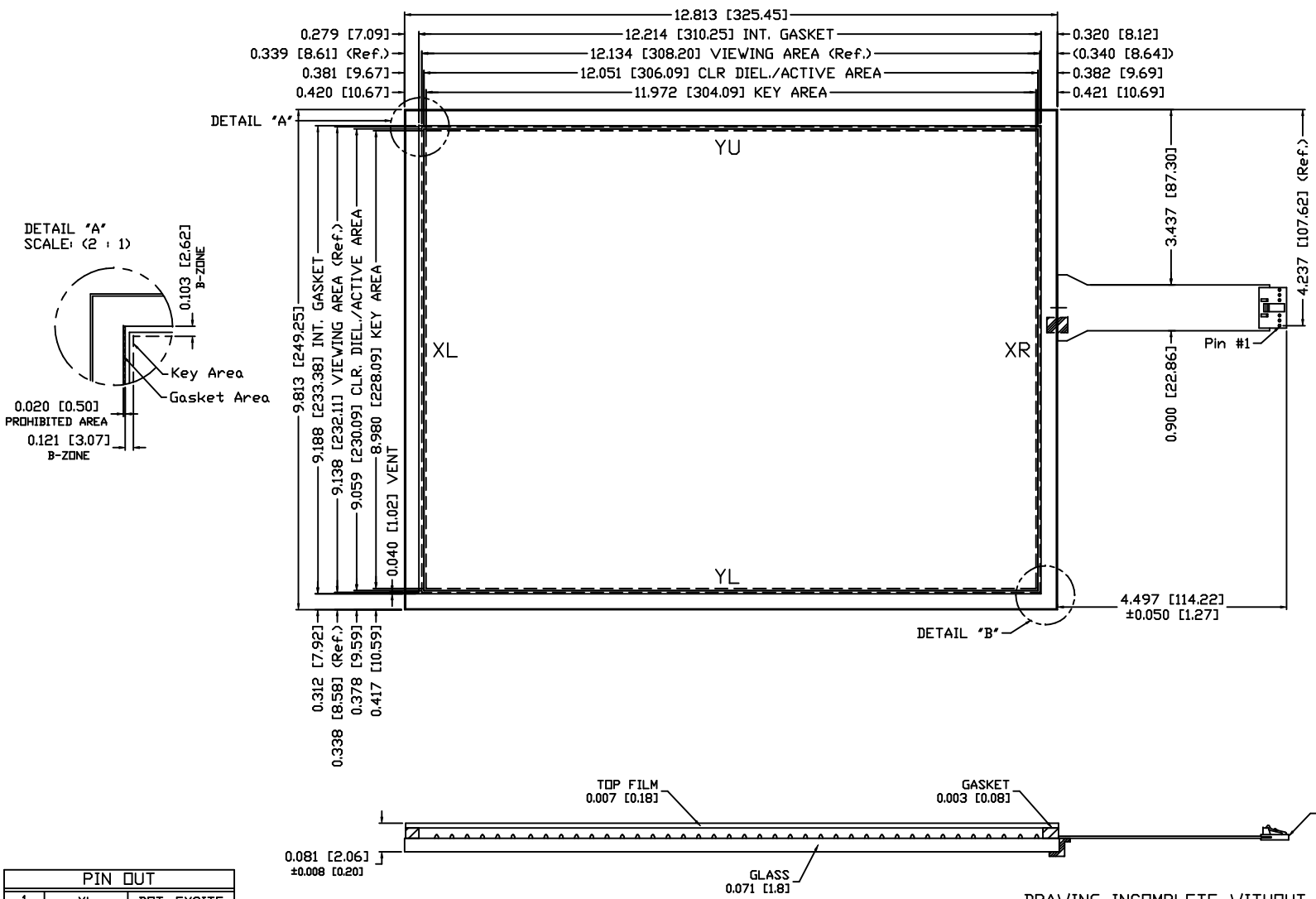
SENSOR SPECIFICATION

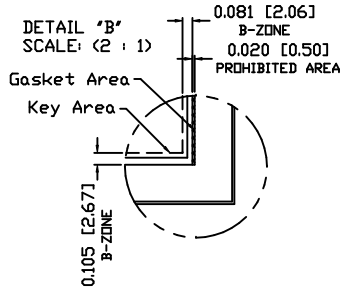
LINEARITY	ACTUATION FORCE	OPTICAL PER.
±1.5% AVE 3% MAX. DEV.	0.10 N (10 g) Min., 0.79 N (80 g) Max. STYLUS: R0.8 TIP, FINGER: R3.0 TIP	79% TRANSPARENCY PER JIS K7361-1

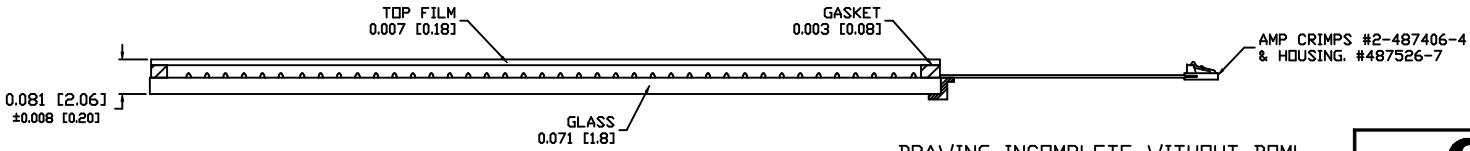
MATERIALS		
LTR	DESCRIPTION	PART #
1	GLASS SUBASSEMBLY	302-0790
2	TOPSHEET SUBASSEMBLY	301-0790
3	TAIL SUBASSEMBLY	303-0790
4	INTERNAL GASKET	304-0790
5		
6		
7		
8		

GENERAL NOTES:

1. TOP FILM OFFSET FROM BOTTOM GLASS 0.020 [0.50].
2. MAX. VOLTAGE & CURRENT: 5 VDC, LESS THEN 1mA AT CONTACT POINT FROM TOP LAYER TO BOTTOM LAYER.
3. OPERATION TEMPERATURE: -10° TO 60°C
4. OPERATION 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 CREASE
7. SURFACE HARDNESS: 3H AS PER JIS K 5400
8. TERMINAL RESISTANCE: YU-YL = 240-990Ω XR-XL = 250-850Ω
9. INTERNAL GASKET (RIGHT SIDE) REDUCED 1.00mm TO FIT X GLASS DIMENSION.







PIN OUT		
1	YL	BOT. EXCITE
2	YL REF	BOT. SENSE
3	XR REF	RIGHT SENSE
4	XR	RIGHT EXCITE
5	YU	TOP EXCITE
6	YU REF	TOP SENSE
7	XL REF	LEFT SENSE
8	XL	LEFT EXCITE

DRAWING INCOMPLETE WITHOUT BOM!

REV.	ECO NUMBER	DATE
1	INITIAL RELEASE	02/19/07
2		
3		
4		
5		
6		
7		
8		

CADD DRAWING

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DEC. TOLERANCES:
.XXX = ±.020
[.X = ±.50]
ANGULAR TOL. = ±1°
FRAC. TOL. X/X = ±1/16

DIM CODE: MILLIMETERS [INCHES]

MATERIAL SPEC.: R8 15.0

FINISH SPEC.: RoHS COMPLIANT

DESIGNED: PLONG 01/26/07
CHKD:
DESIGN ENG.: LHRUIZ 01/26/07
MARKETING APPROVAL:
PRODUCTION APPROVAL:
QUALITY APPROVAL:
DATE: 2/19/07

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

TITLE: SENSOR 15.0D, 8-WIRE

SIZE: B
PART NO.: 100-0790
SCALE: 1 : 1
CUSTOMER ID: GEUC

http://store.iiic.cc/