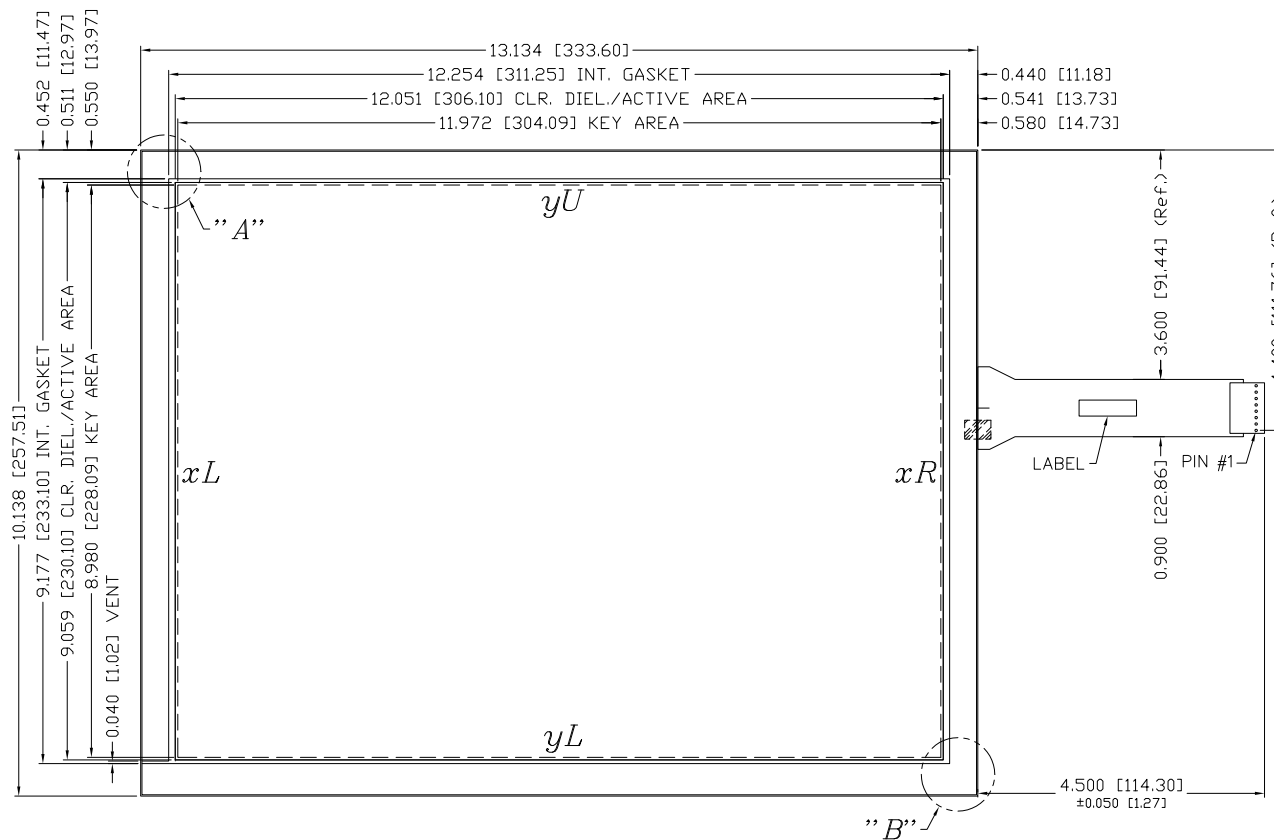
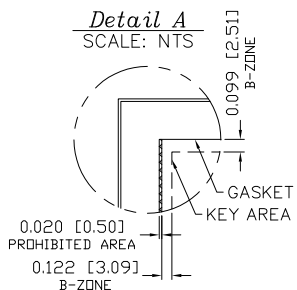


SENSOR SPECIFICATION

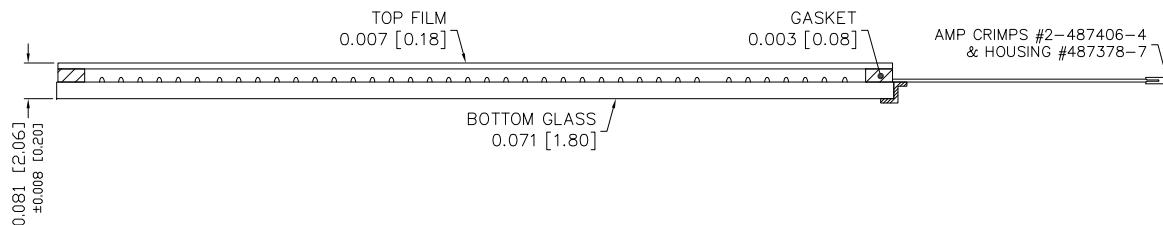
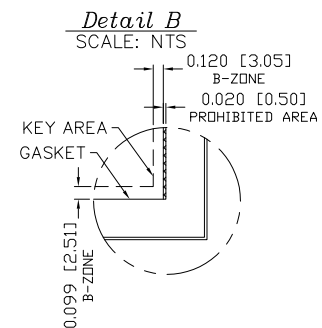
LINEARITY	ACTUATION FORCE	OPTICAL PER.
±1.5% AVE 3% MAX. DEV.	0.10 N (<10 g) Min., 0.79 N (<80 g) Max. STYLUS: R0.8 TIP, FINGER: R3.0 TIP	79% TRANSPARENCY PER JIS K7361-1

REVISIONS		
REV.	DESCRIPTION	DATE
0	PROTOTYPE RELEASE	03/13/07
A	ECC #230506 CHANGE COSMETIC GRADE FROM 3 TO 5	05/16/13
B	ADD LABEL ON TAIL	02/02/16
C		
D		
E		
F		
G		



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. COSMETIC INSPECTION: GRADE 5x
9. TERMINAL RESISTANCE: YU-YL = 240-780Ω XR-XL = 250-700Ω



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

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. This notice shall be marked on any reproduction hereof in whole or part.</small>	DEC. TOLERANCES: .XXX = ±0.020 [.XX] = ±[0.51] ANGLUAR TOL. = ±1° FRAG. TOL. N/A = ±1/16	DESIGNER: PLONG 03/13/07 CRWD:	<div style="text-align: right; font-weight: bold; font-size: 1.2em;"> </div> Gunze Electronics USA Corporation 2113 Wells Branch Parkway Austin, Texas 78728 <hr/> TITLE: RES-15.0-FG8 SENSOR, 15.0D 8-WIRE <hr/> PART NO. 100-0920 SCALE: 1:1 CUSTOMER ID: GUNZE USA REVISION: B
	DIM CODE: [INCHES] [MILLIMETERS]	DESIGN ENL. LHRUIZ 03/13/07 VIEW POINT:	
	CUSTOMER PR:		
	MATERIAL SPEC.	RLSE: 02/02/16	