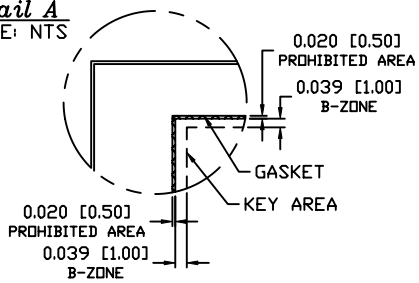


Detail A
SCALE: NTS



SENSOR SPECIFICATION

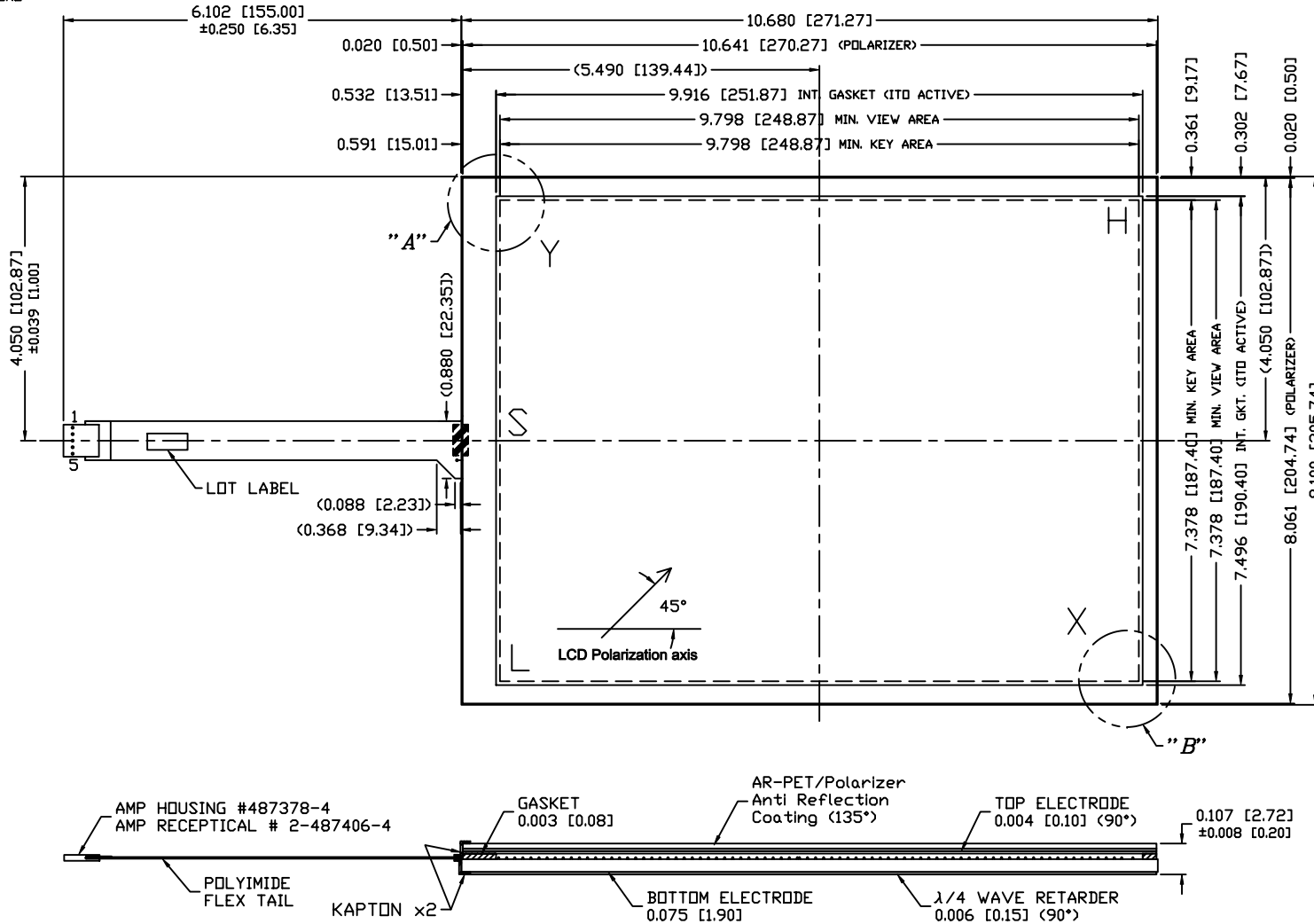
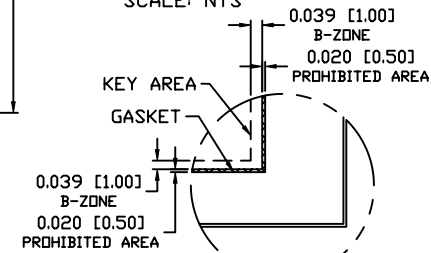
LINEARITY	ACTUATION FORCE	OPTICAL PER.
±1.5% AVG 3% MAX. DEV.	0.1 N (10g) Min., 1.96 N (200g) Max. STYLUS: R0.8 TIP, FINGER: R3.0 TIP	37% TRANSPARENCY PER JIS K7361

REVISIONS		
REV.	DESCRIPTION	DATE
0	INITIAL RELEASE	09/08/09
1		
2		
3		
4		
5		
6		
7		

GENERAL NOTES:

- TOP FILM/POL. 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: 0°C TO 50°C
- HUMIDITY: < 40°C 20% to 95% RH NO CONDENSATION.
- STORAGE TEMPERATURE: -10°C TO 60°C
- FFC BEND R > 2.0MM NO SHARP CREASES
- SURFACE HARDNESS: 2H DR MORE (As per JIS K 5400.)
- COSMETIC INSPECTION: GRADE 3x
- WARNING: PROLONG EXPOSURE TO DIRECT SUNLIGHT MAY DEGRADE THE AR (ANTI-REFLECTIVE) COATING.

Detail B
SCALE: NTS



PIN	OUT
1	H
2	X
3	S
4	Y
5	L

CAD DRAWING NOTICE

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DEC. TOLERANCES:
.XXX = ±0.020
[.XX] = ±[0.51]
ANGULAR TOL. = ±1°
FRAC. TOL. XX = ±1/16

DIM CODE: INCHES [MILLIMETERS]
VIEW POINT:

CUSTOMER PART #: EQUIVALENT TO GZU-04-1D

DESIGNER: VTRINH 05/28/10
CHKD:

DESIGN ENG. LHRUIZ 05/28/10
VIEW POINT:

DATE: 05/28/10

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

TITLE: **SENSOR, 12.1D 5-WIRE**

PART NO. **160-3070** SCALE: **1:1**

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