

D1000669_TCS HARTMANN SENSOR PLATE, PART PDM REV: X-022, DRAWING PDM REV: X-011

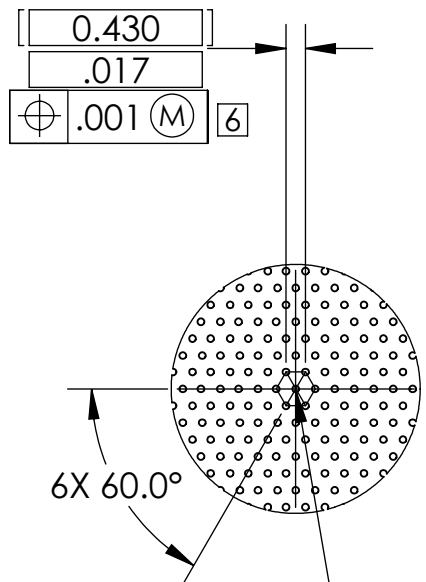
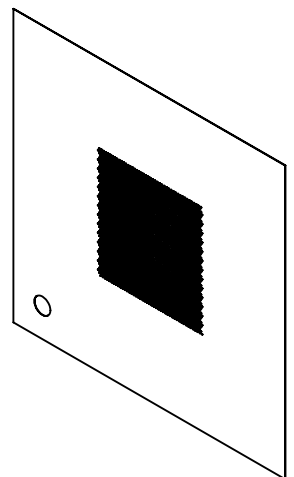
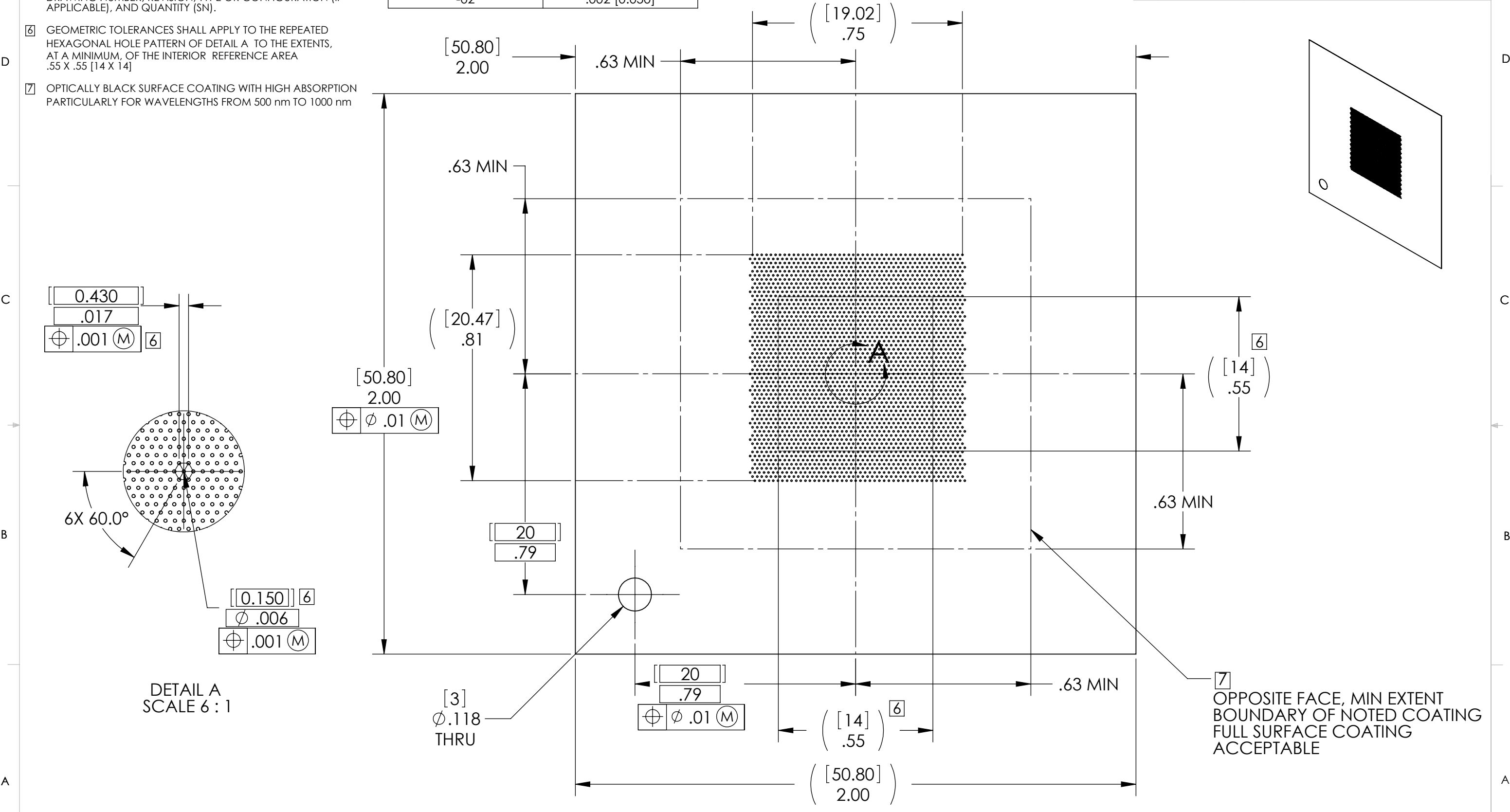
- NOTES CONTINUED:**
- 5 SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING NUMBER, REVISION, TYPE OR CONFIGURATION (IF APPLICABLE), AND QUANTITY (SN).
 - 6 GEOMETRIC TOLERANCES SHALL APPLY TO THE REPEATED HEXAGONAL HOLE PATTERN OF DETAIL A TO THE EXTENTS, AT A MINIMUM, OF THE INTERIOR REFERENCE AREA .55 X .55 [14 X 14]
 - 7 OPTICALLY BLACK SURFACE COATING WITH HIGH ABSORPTION PARTICULARLY FOR WAVELENGTHS FROM 500 nm TO 1000 nm

TYPE (CONFIGURATION)	MATERIAL THICKNESS
-01	.005 [0.127]
-02	.002 [0.050]

REV.	DATE	DCN #	DRAWING TREE #
v2	28-FEB-2011	E1100147-v1	E1100148-v1
v3	31-AUG-2011	-	-
v4	2-SEPT-2011	-	-

D
C
B
A

D
C
B
A



DETAIL A
SCALE 6 : 1

7 OPPOSITE FACE, MIN EXTENT BOUNDARY OF NOTED COATING FULL SURFACE COATING ACCEPTABLE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
 .XX ± .01
 .XXX ± .001
 ANGULAR ± 0.1°

MATERIAL	INVAR 36	FINISH	32 μinch
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LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **AOS**

NEXT ASSY: **D1000657**

PART NAME		HARTMANN SENSOR PLATE	
DESIGNER	ADELAIDE	04-JAN-2010	SIZE DWG. NO.
DRAFTER	M. JACOBSON	13-APR-2010	B
CHECKER	J. LEWIS	2-SEP-2011	D1000669
APPROVAL	A. BROOKS	28-FEB-2011	REV. v4
SCALE:	2:1	PROJECTION:	SHEET 1 OF 1

8 7 6 5 4 3 2 1