REV	ECO NO	DESCRIPTION	DRAWN	APVD DATE
A	-	INITIAL RELEASE.	PENSAR	12/26/13

NOTES (UNLESS OTHERWISE SPECIFIED):

1. DRAWINGS ARE FOR INSPECTION PURPOSES ONLY. ACTUAL PART SHALL CONFORM TO THE FOLLOWING 3D ELECTRONIC FILE: X885972-HINGE-PIN-REV1.PRT

2. MATERIAL: STEEL
   HARDNESS:
   SPECIFICATION:
   PLATING/COATING: ZCS(A)X, ZINC COATING MASS: Z08, MINIMIZED SPANGLE, SKIN PASSED, CHROMATE (ANTI-FINGER PRINT) TREATED, UNOILED
   MATERIAL SHALL CONTAIN 0.02% MIN TO 0.15% MAX CARBON.

3. PART WEIGHT: (12.579 GRAMS), (0.444 OZ)

4. PART SHALL BE CLEAN AND FREE OF CONTAMINANTS, METAL FLAKES, AND OIL.

5. UNDIMENSIONED 90° BENDS SHALL BE HELD AT A TOLERANCE OF ±1°.

6. REFERENCE THE LATEST REVISION OF THE FOLLOWING DOCUMENTS FOR INSPECTION AND ACCEPTANCE CRITERIA:
   A. MICROSOFT METAL QUALIFICATION PROCESS (D00435)
   B. MICROSOFT SHEET METAL PART WORKMANSHIP STANDARDS (D00034)
   C. MICROSOFT RESTRICTED SUBSTANCES FOR HARDWARE PRODUCTS (H00594)
   D. MICROSOFT RESTRICTED SUBSTANCES CONTROL SYSTEM (H00642)
   E. MICROSOFT PAINTED PRODUCT WORKMANSHIP AND TEST SPECIFICATION (H00388)
   F. MICROSOFT SYSTEM EMC DESIGN RULES AND GUIDELINES (D00755)
   G. MICROSOFT METAL STAMPING DIE MINIMUM TOOL GUIDELINES (D02520)
   H. MICROSOFT METAL STAMPING DIE MAINTENANCE GUIDELINE (D02522)

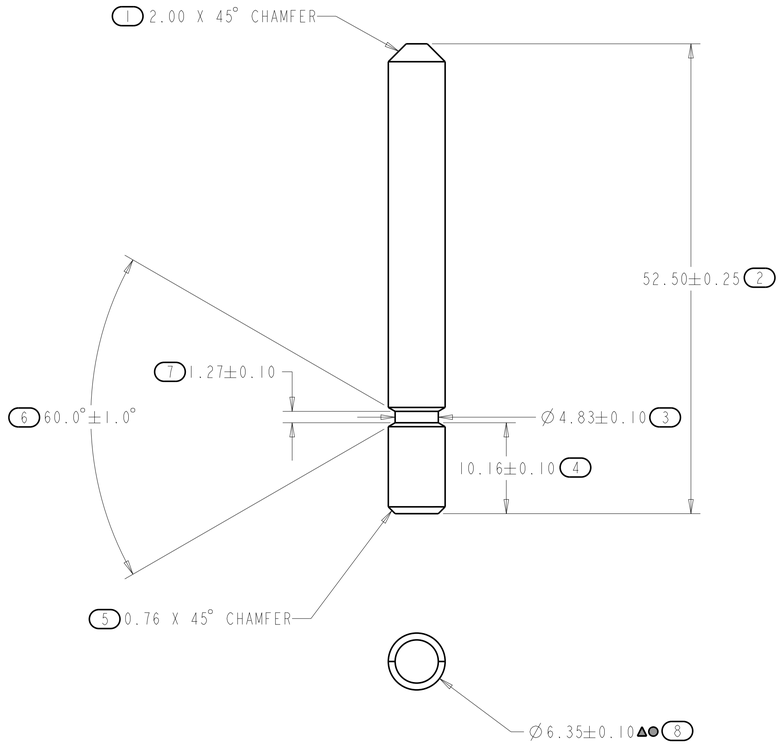
7. BAG AND TAG WITH THE FOLLOWING INFORMATION:
   A. MICROSOFT PART NUMBER
   B. CURRENT REVISION
   C. MATERIAL
   D. DATE OF MANUFACTURE
   E. SUPPLIER ID (SUPPLIER ID LOCATION)

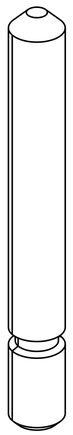
8. VENDOR SHALL SUPPLY A CERTIFICATE OF REGULATORY COMPLIANCE WITH EACH SHIPMENT THAT INCLUDES THE FOLLOWING INFORMATION:
   A. NAME OF THE SUPPLIER
   B. PRODUCTION DATE
   C. MATERIAL MANUFACTURER'S NAME OR TRADE NAME AND MATERIAL DESIGNATION
   D. NAME OF THE COMPANY BUYING THE PRODUCT
   E. PART NUMBER AND REVISION
   F. PURCHASE ORDER NUMBER
   G. SHIPMENT DATE
   H. QUANTITY OF PARTS SHIPPED
   I. MANUFACTURER REPRESENTATIVE'S NAME, SIGNATURE OR FUNCTION TO ATTEST TO THE ACCURACY OF THE INFORMATION.

9. PART TOOLING IS THE PROPERTY OF MICROSOFT AND SHALL BE PERMANENTLY MARKED WITH "PROPERTY OF MICROSOFT", THE PART NUMBER, AND THE TOOL ASSET NUMBER.

10. FAI IQC/OQC FIXTURES REQUIRED AND MUST BE APPROVED BY MICROSOFT ENGINEERING.
    ALL DIMENSIONS ON PRINT SHALL BE INCLUDED IN FAI REPORTS.
    FREE STATE INSPECTION CONDITIONS REQUIRED FOR FAI.
    ONLY PROCESS DIMENSIONS ARE TO BE USED FOR ON-GOING PROCESS CONTROL PER MICROSOFT METAL QUALIFICATION PROCESS (D00435).
    ON-GOING PROCESS CONTROL INSPECTIONS SHALL BE DONE IN FREE STATE.
    DIMENSIONS THAT ARE DRIVEN BY ASSEMBLY LEVEL TOLERANCE CHAIN STUDIES ARE INDICATED WITH A (★) SYMBOL.

11. PARTS SHALL BE PACKAGED FOR SUPPLIER INTERNAL DISTRIBUTION.





DIMENSIONS ARE IN MILLIMETERS			
GENERAL TOLERANCES			
	X	X.X	X.XX
STD.DIM	±0.5	±0.25	±0.15
ANGLE	±3°	±1°	±0.5°
RADIUS	±25%	±10%	±5%

-	-
SEE NOTES	SEE NOTES
DOCUMENT NO	GENERAL DESCRIPTION
APPLICABLE SPECIFICATION TABLE	

THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE PROPRIETARY TO MICROSOFT CORPORATION AND SHALL NOT BE USED BY, OR DISCLOSED IN WHOLE OR IN PART TO ANYONE OUTSIDE OF MICROSOFT CORPORATION WITHOUT THE PRIOR WRITTEN PERMISSION OF MICROSOFT CORPORATION.

DRAWN	PENSAR	DATE 12/20/13
CHECKED	-	DATE -
ENGINEER	BRUBEN	DATE 12/20/13
ENGINEER	-	DATE -
COG ENGR	-	DATE -
MFG ENGR	-	DATE -
TOOLING	-	DATE -
QUALITY	-	DATE -
RELEASED	-	DATE -

Microsoft®

MS PART NO: X885972-001
MS PDM VER: 1.2

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE: MILLIMETERS
TOLERANCES ARE:
SEE TOLERANCE BLOCK

DO NOT SCALE DRAWING

TITLE: **PIN, HINGE**

LEGEND:
★ = TOLERANCE CHAIN DIM
▣ = CRITICAL DIM
● = TOOLING DIM
△ = PROCESS DIM
(ID) = DIMENSION ID

SIZE: D

THIRD ANGLE PROJECTION

DRAWING NO: X885972 REV: A

SCALE: 3.000 SHEET: 1 OF 1