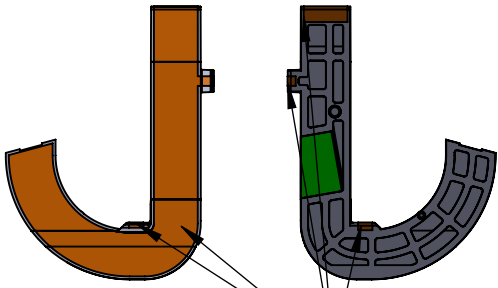


- NOTES:**
- 1. CRITICAL TO FUNCTION DIMENSIONS ONLY.
 - 2. FOR ALL OTHER DIMENSIONS, SEE FILE: **42-10069 - REV A - BLE ANTENNA, LDS, N.STEP**
 - 3. ALL DIMENSIONS FROM CAD SHOULD BE ± 0.1 OR BETTER UNLESS OTHERWISE STATED IN DRAWING.
 - 4. MATERIAL: **TICONA E840i (LCP, 40% MINERAL FILL).**
 - 5. MATERIAL SUBSTITUTION PERMITTED WITH WRITTEN APPROVAL.
 - 6. EJECTOR PIN MARKS TO BE FLUSH ± 0.03 TO SURROUNDING SURFACE.
 - 7. UNLESS OTHERWISE SPECIFIED AND/OR ON A PARTING LINE, ALL SHARP EDGES AND CORNERS TO BE R0.05.
 - 8. USE VDI-21 TEXTURE ON ALL SURFACES WHERE LDS METAL IS TO BE APPLIED.
 - 9. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH OF ALL PART SURFACES TO BE SPI-B2 OR BETTER.
 - 10. PARTING AND/OR WITNESS LINE MISMATCH NOT TO EXCEED 0.05.
 - 11. STANDING FLASH NOT TO EXCEED 0.05 IN ANY DIMENSION.
 - 12. MOLDED PART TO BE FREE OF MOLD RELEASE OR OTHER SURFACE CONTAMINENTS.

REVISIONS TABLE			
REV.	DESCRIPTION OF CHANGES	DATE	CHANGED BY
01	INITIAL RELEASE	07/19/2016	A. LAURSEN
A	UPDATE MATERIAL, PLATING NOTES AND DWG FORMAT	04/24/2017	A. LAURSEN

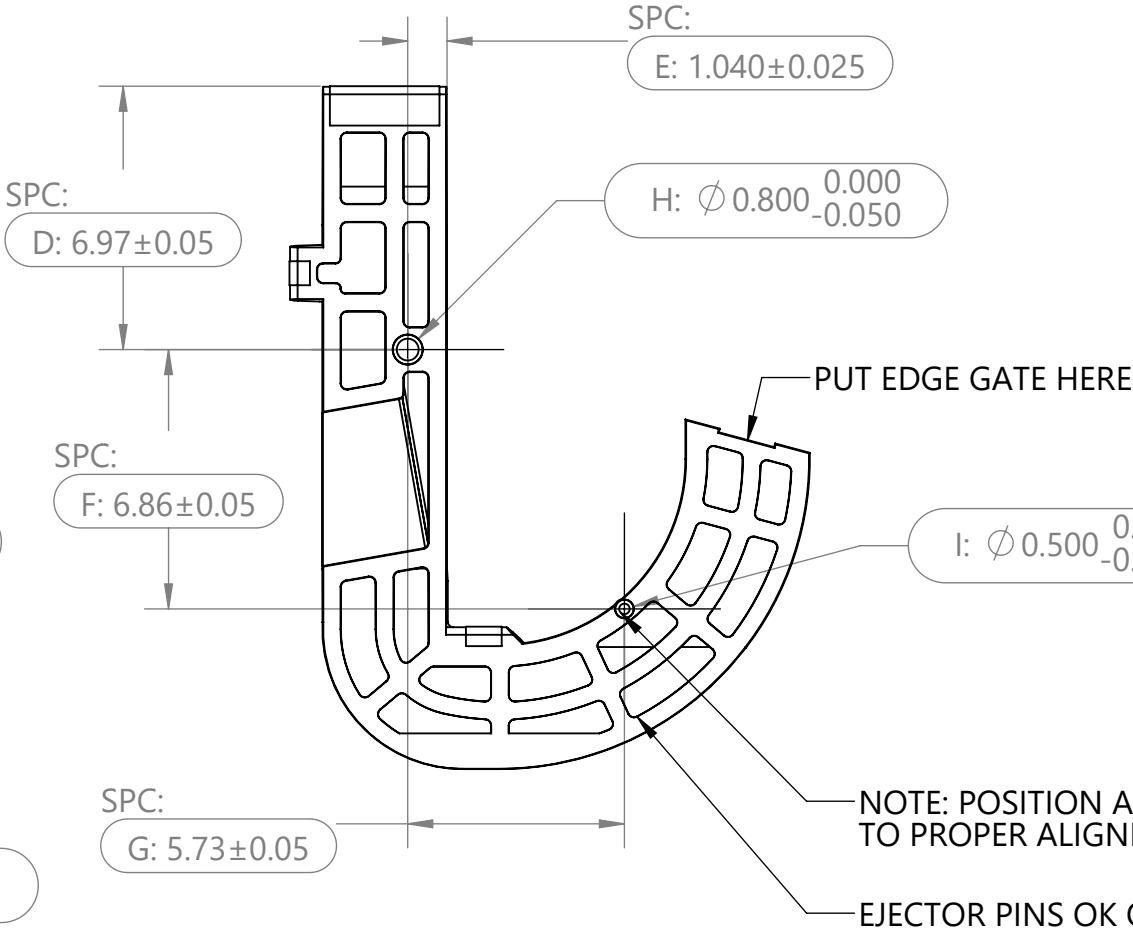
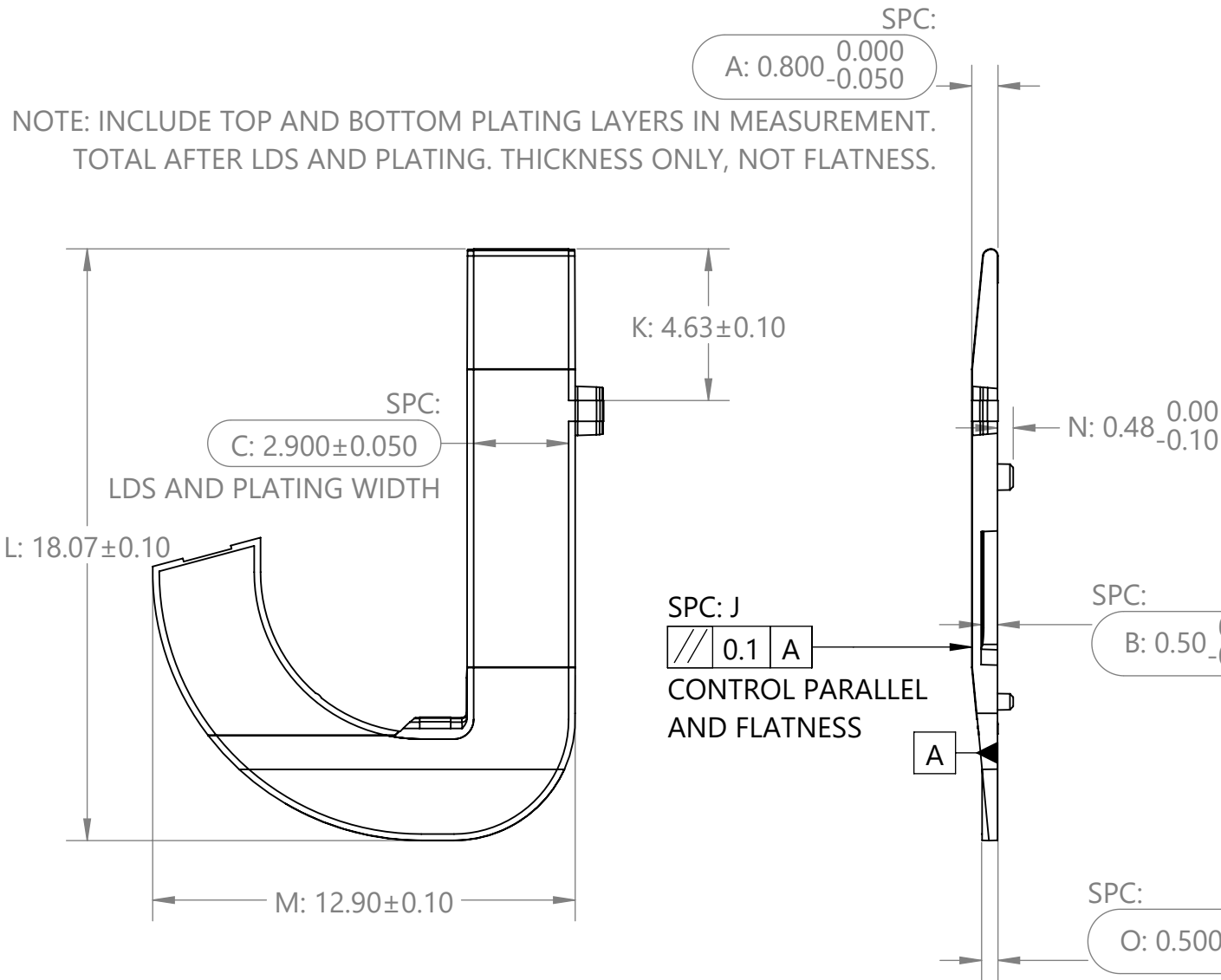
METAL PLATING ACCEPTABLE THICKNESSES	
COPPER	10-18 μ m
NICKEL	2-5 μ m
GOLD	$\geq 0.05\mu$ m
NOMINAL TOTAL	15 μ m

LDS METAL LOCATION



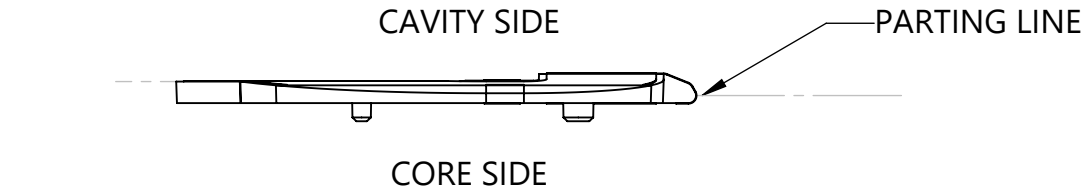
ORANGE SURFACES SHOW WHERE TO APPLY LDS METAL TEXTURE: VDI-21

NOTE: INCLUDE TOP AND BOTTOM PLATING LAYERS IN MEASUREMENT. TOTAL AFTER LDS AND PLATING. THICKNESS ONLY, NOT FLATNESS.



NOTE: POSITION AND SIZE OF POSTS IS CRITICAL TO PROPER ALIGNMENT OF ANTENNA ON PCBA.

EJECTOR PINS OK ON BOTTOM SURFACE EXCEPT IN AREAS WHERE LDS METAL IS APPLIED.



PROPERTY OF



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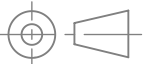
UNLESS OTHERWISE SPECIFIED:

UNITS: MM

ANGLE TOLERANCE: $\pm 1.0^\circ$

.X= ± 0.25 .XX= ± 0.1 .XXX= ± 0.05

THIRD ANGLE PROJECTION:



TITLE

BLE ANTENNA, LDS, N

PART NO.

42-10069

REV.

A

DRAWN BY

A. LAURSEN

SHEET SCALE

5:1

SHEET 1 OF 1