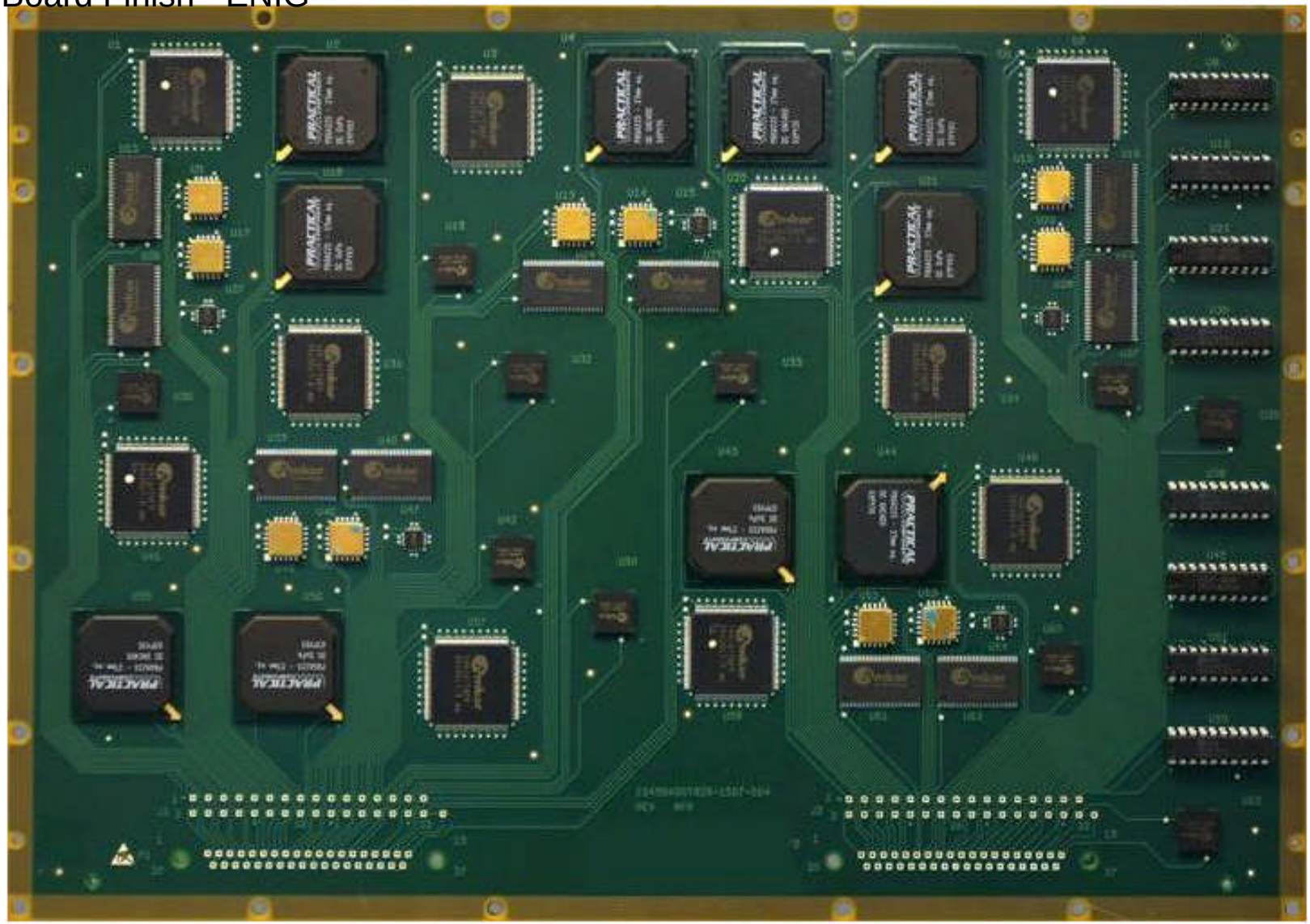
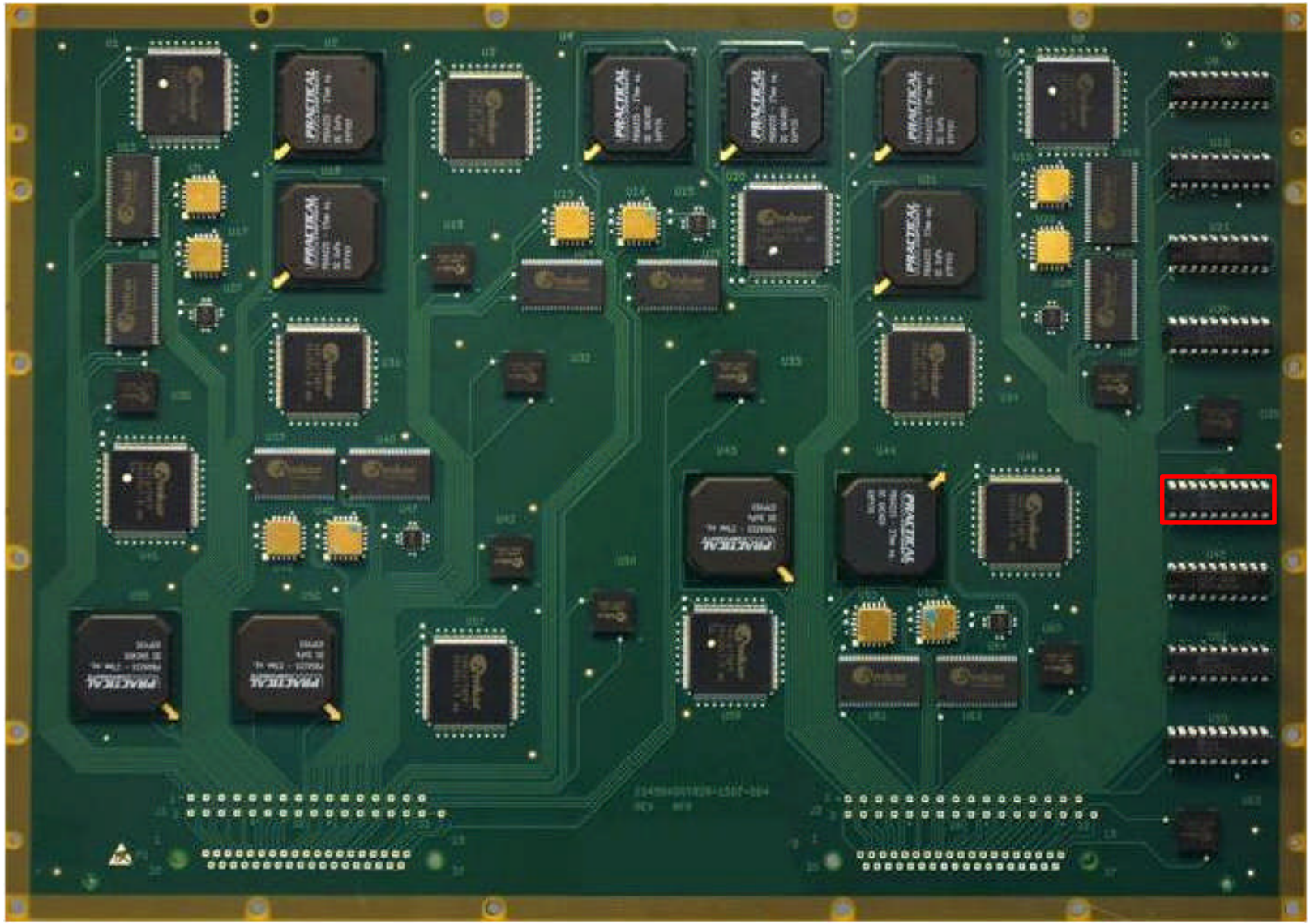
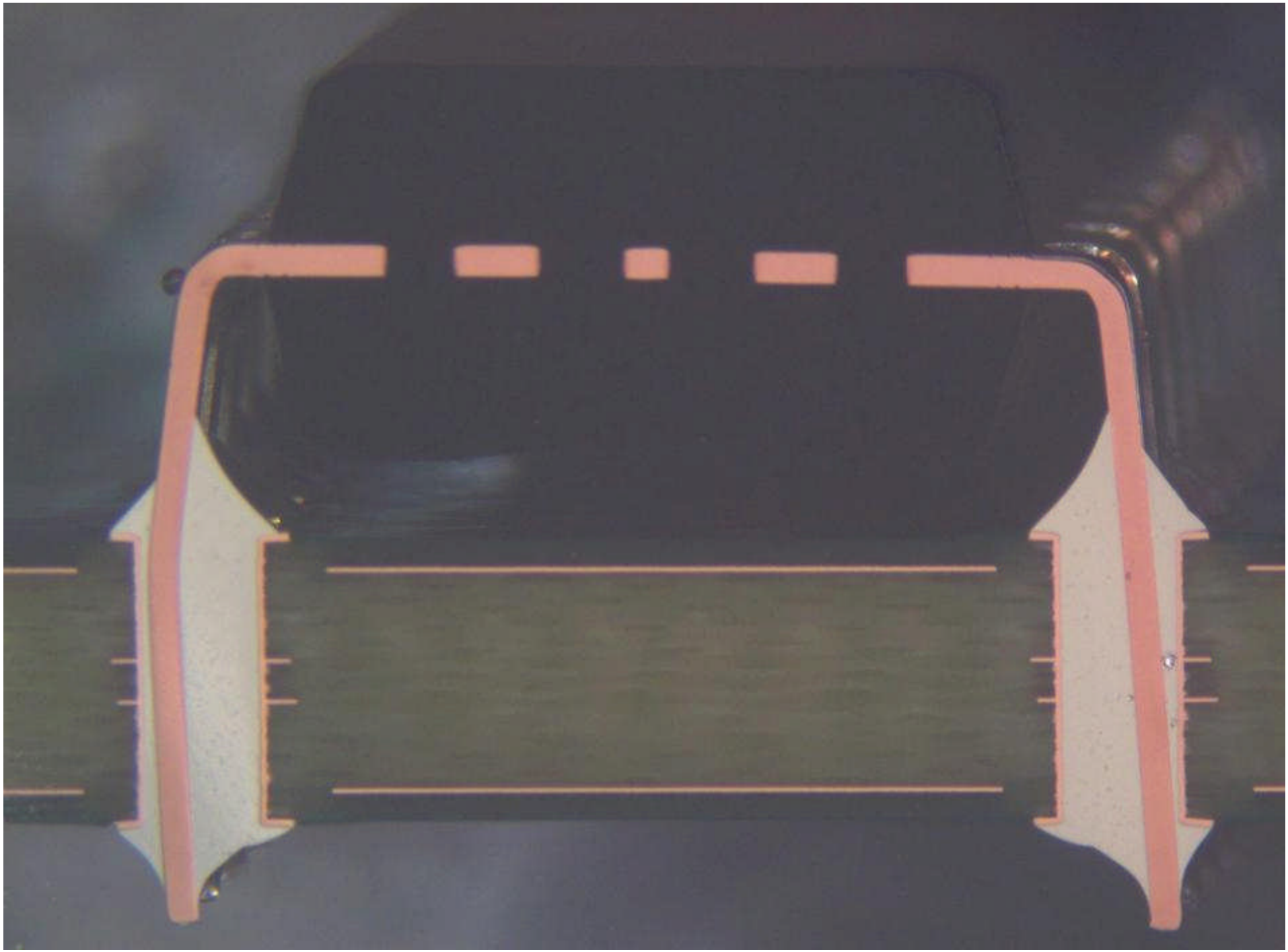
SN93 - Lead-Free Manufactured; Thermal Cycle and Combined Environments Test Vehicle

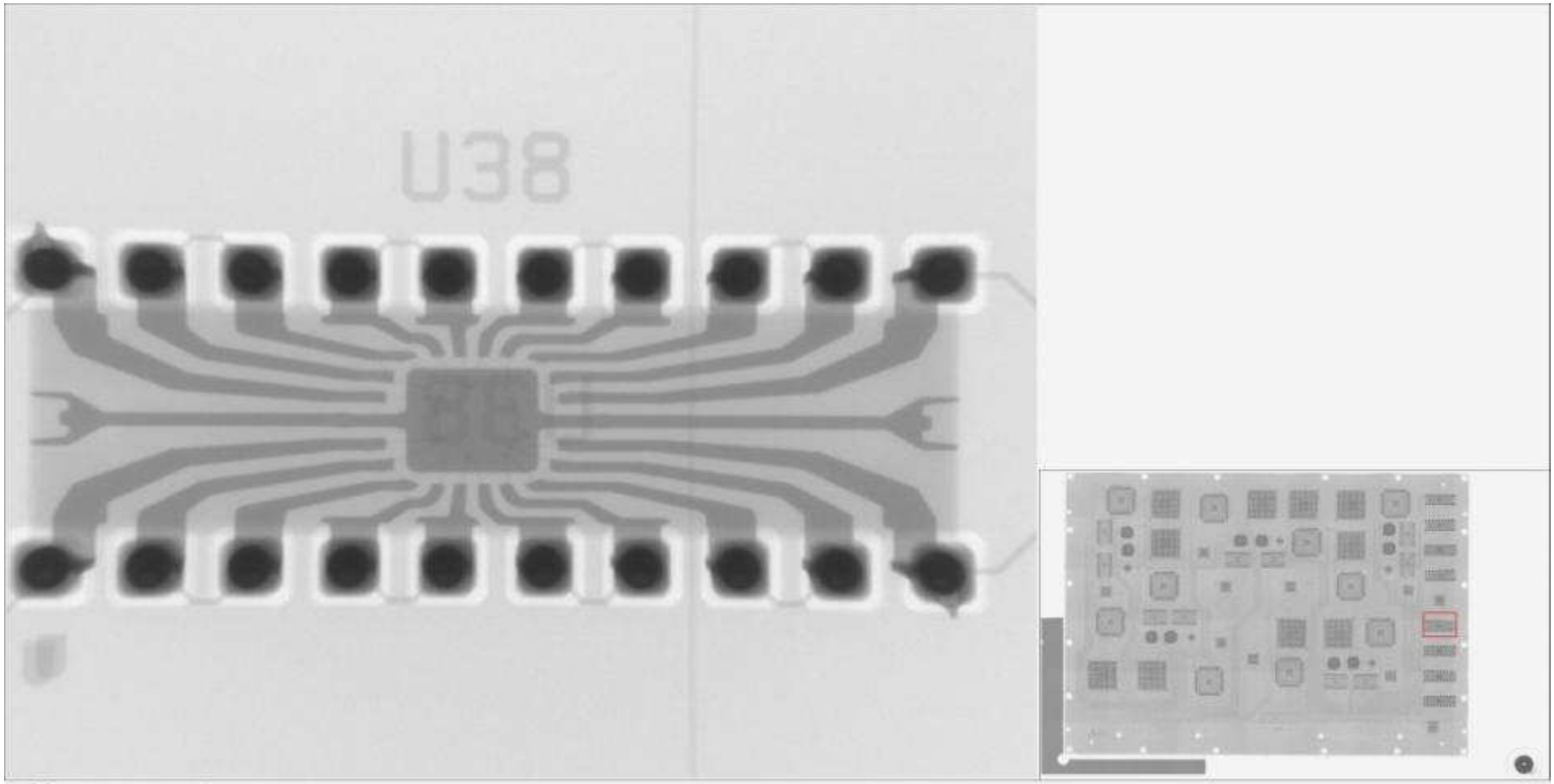
- Assembly Profile – Lead-Free
- Reflow Solder – SAC305
- Wave Solder – SN100C
- Board Finish - ENIG



U38 – PDIP-20
NiPdAu Finish

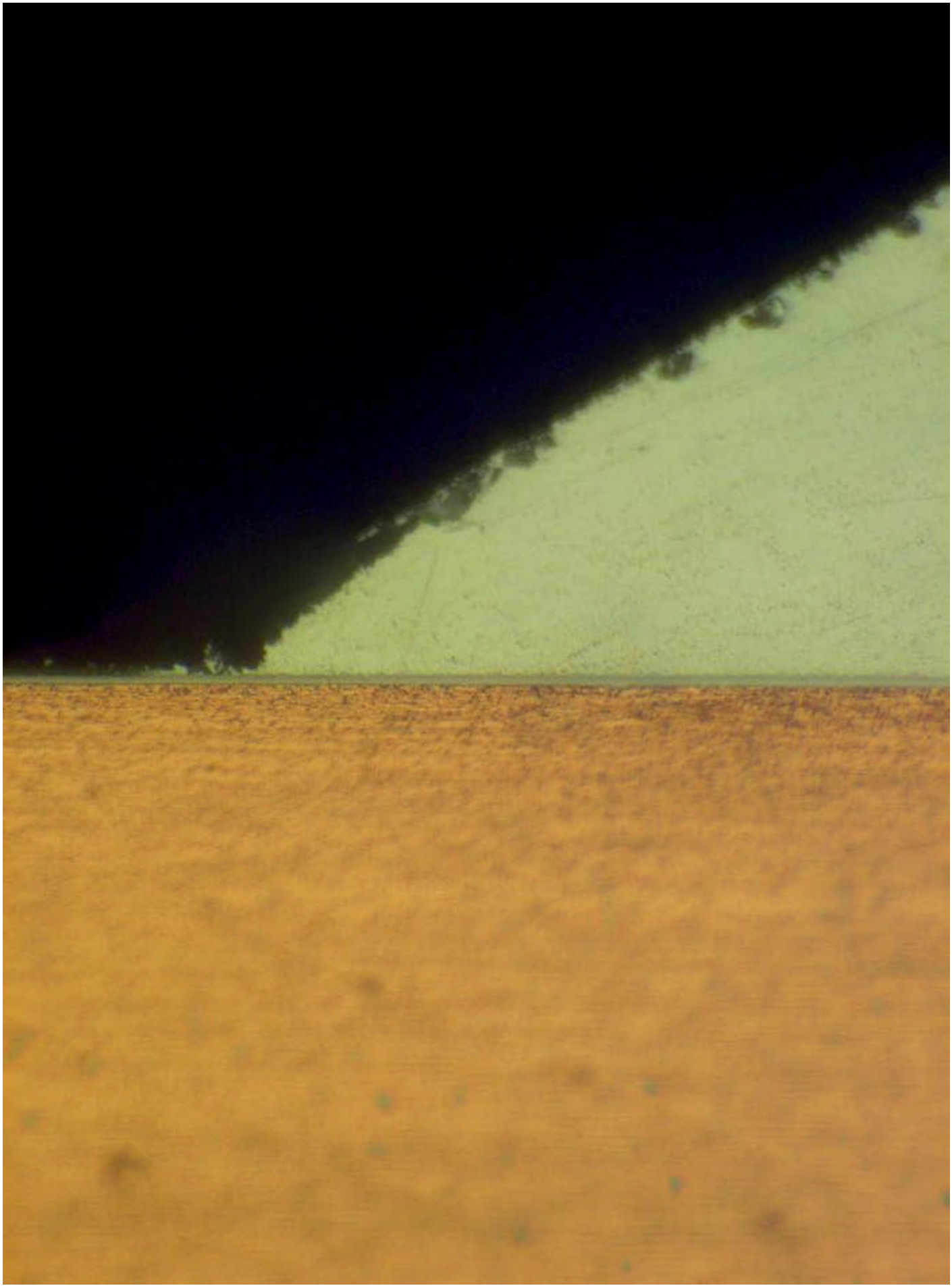


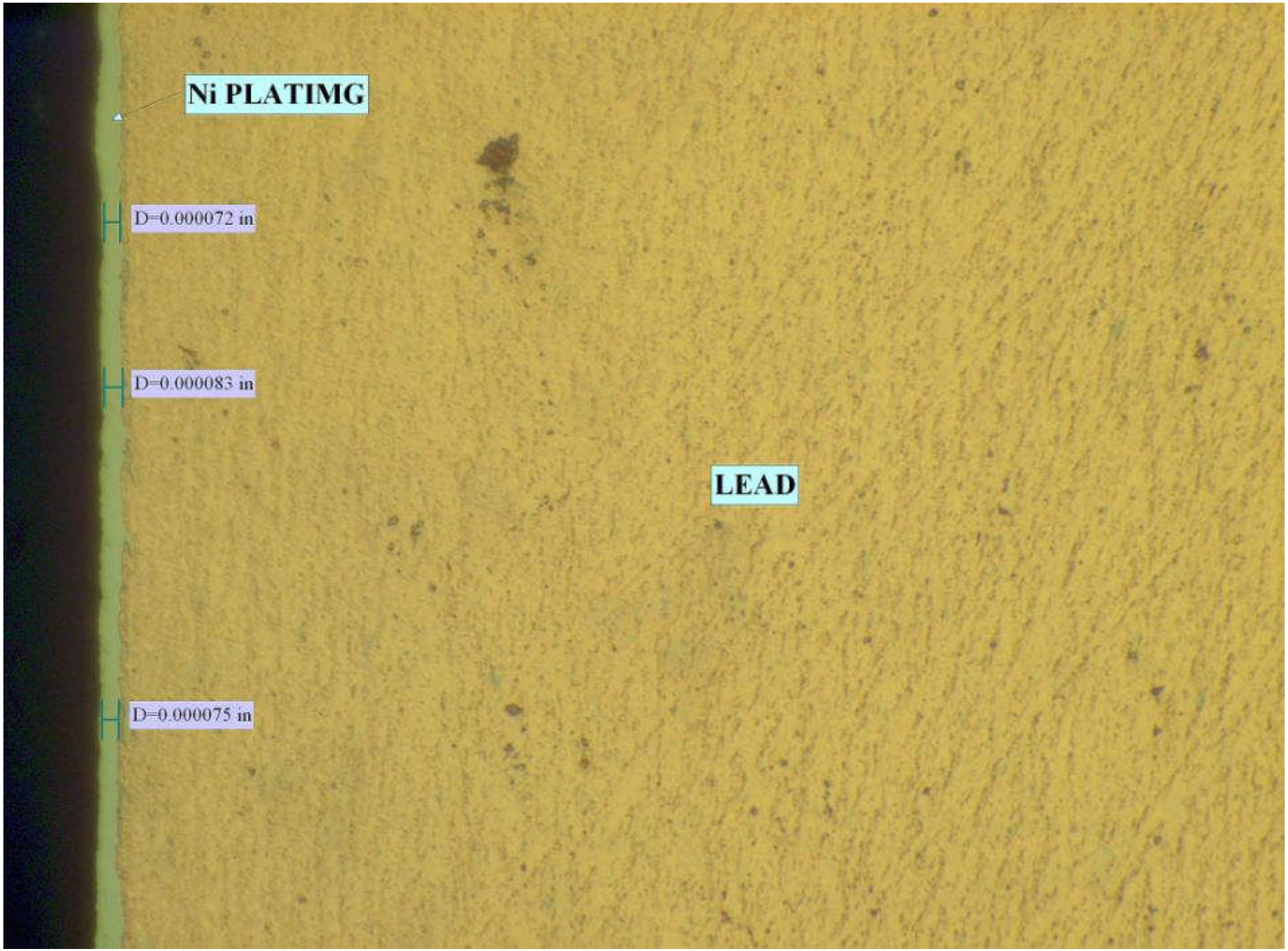


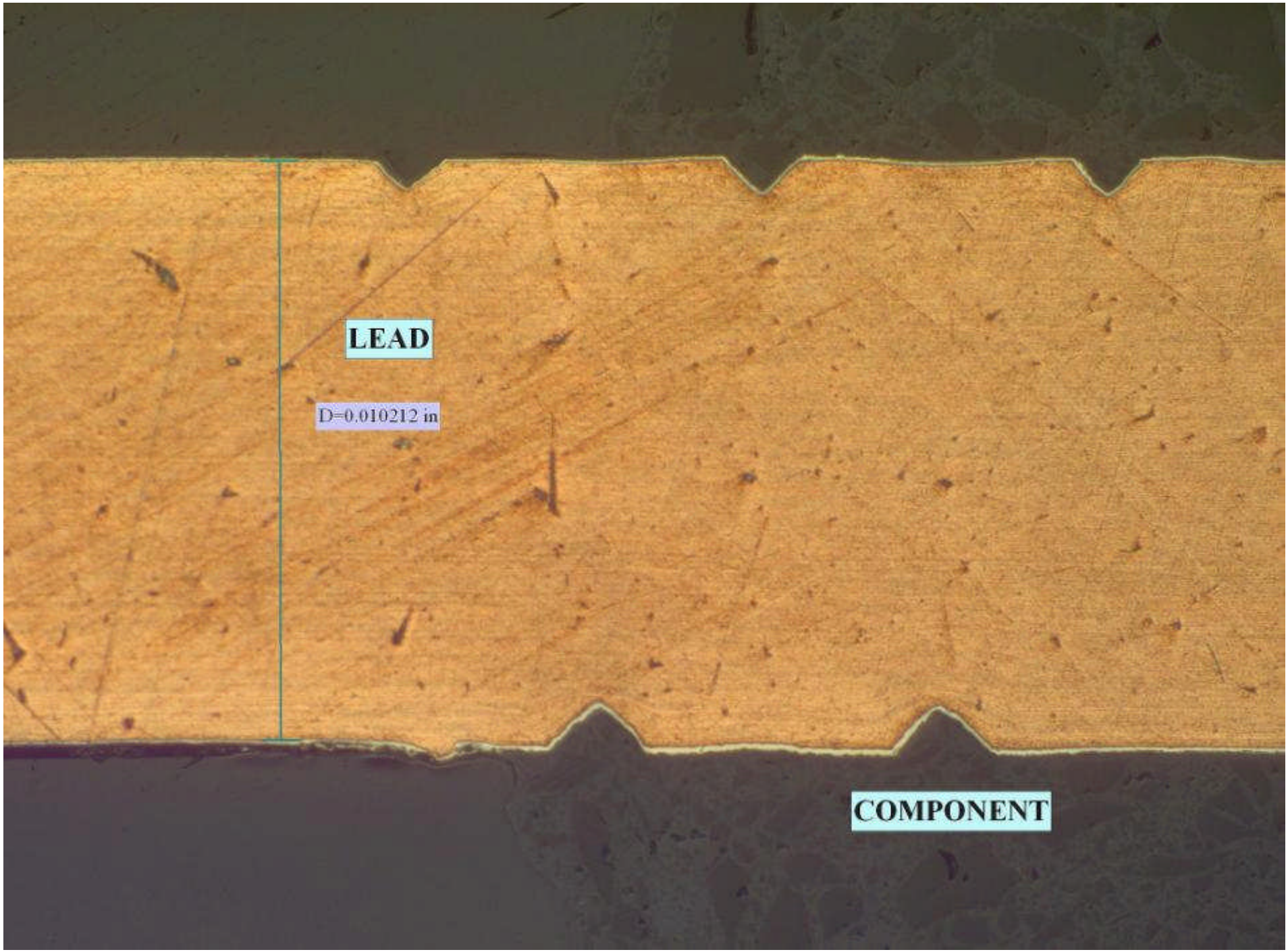


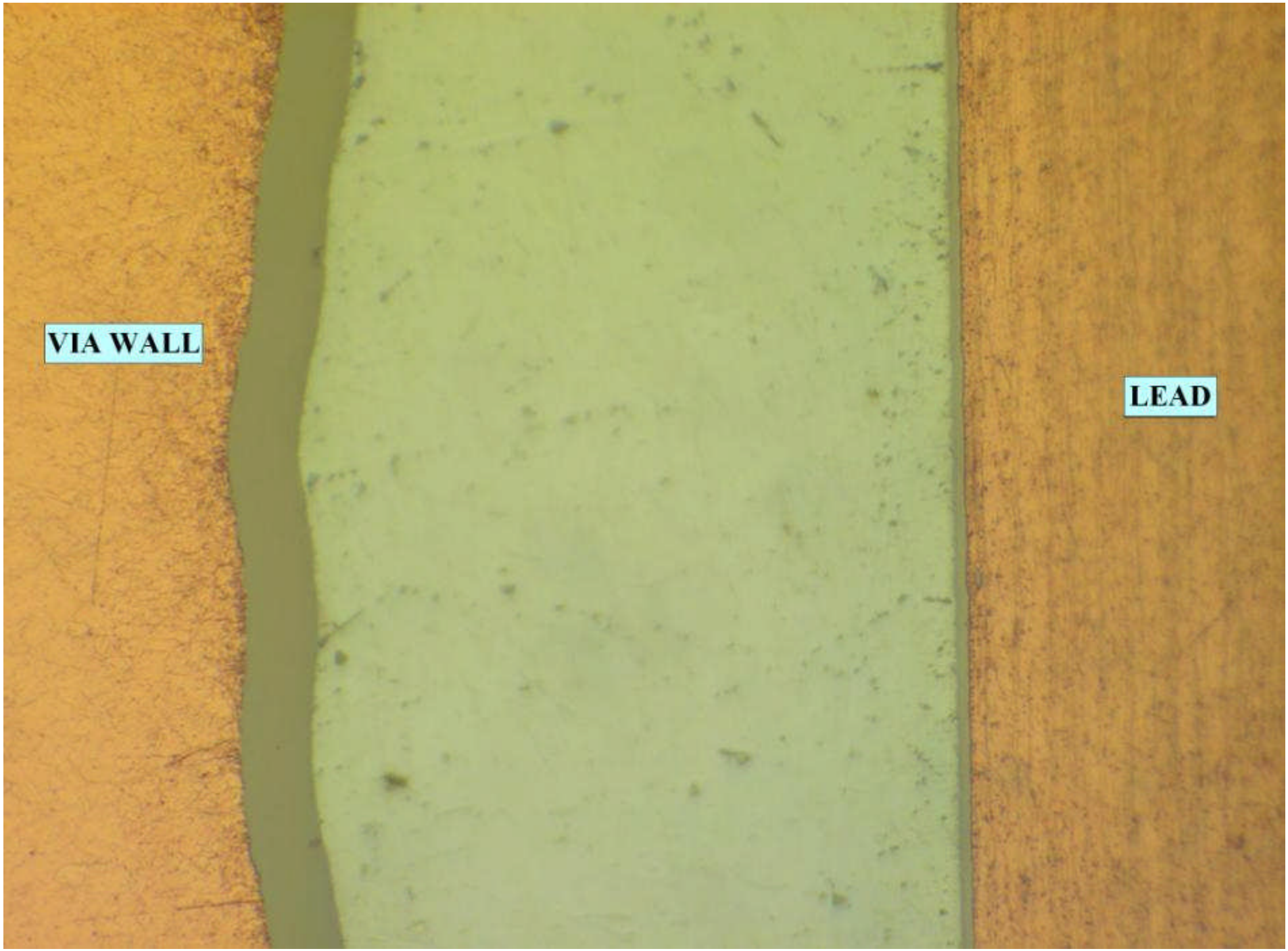
5.0mm

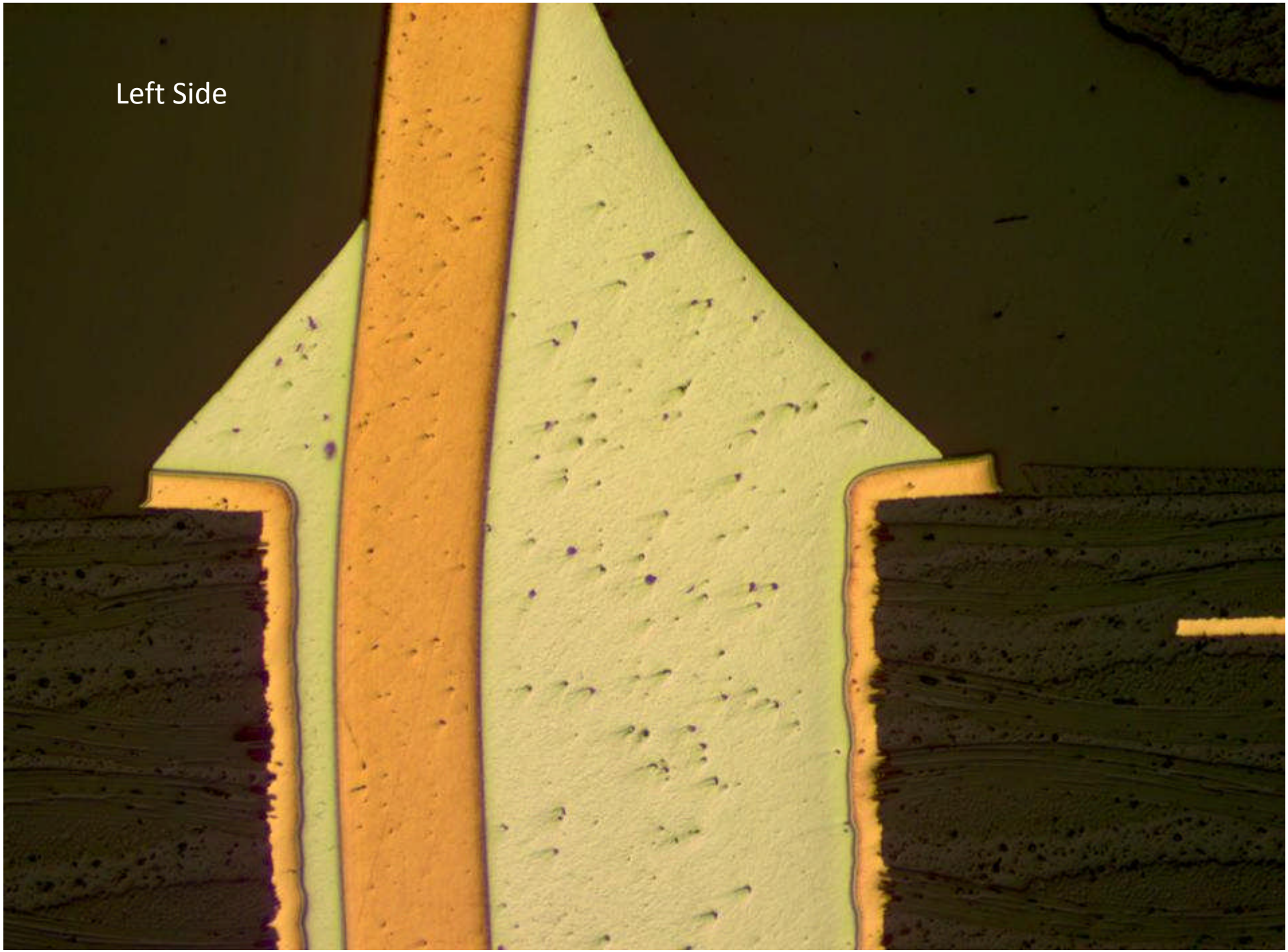
Tube voltage: 130 kV
Tube power: 1.81 W
Filter method used: None
Averaging: 256 frames




Ni PLATIMG
D=0.000072 in
D=0.000083 in
LEAD
D=0.000075 in


LEAD
D=0.010212 in
COMPONENT


VIA WALL
LEAD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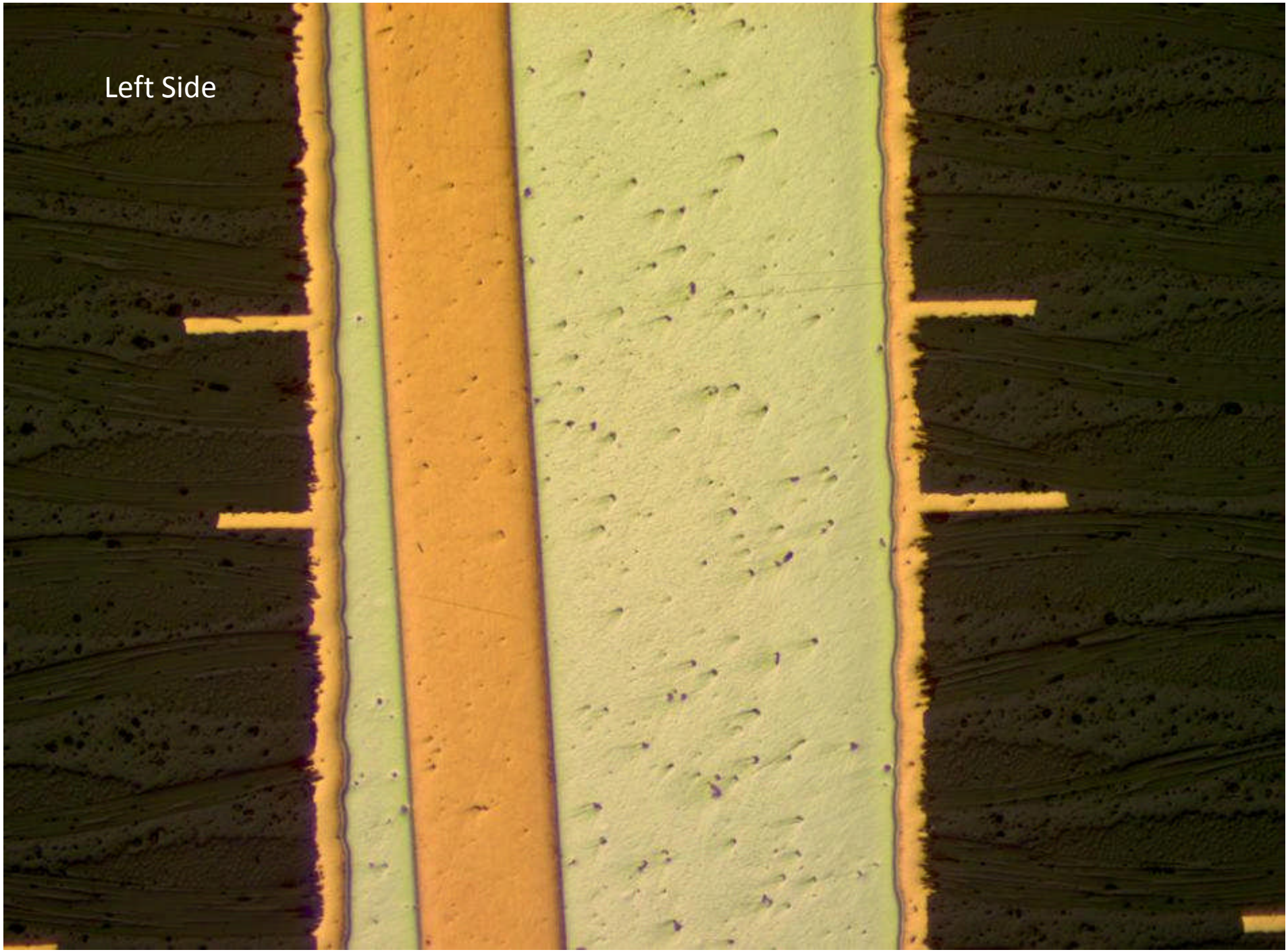
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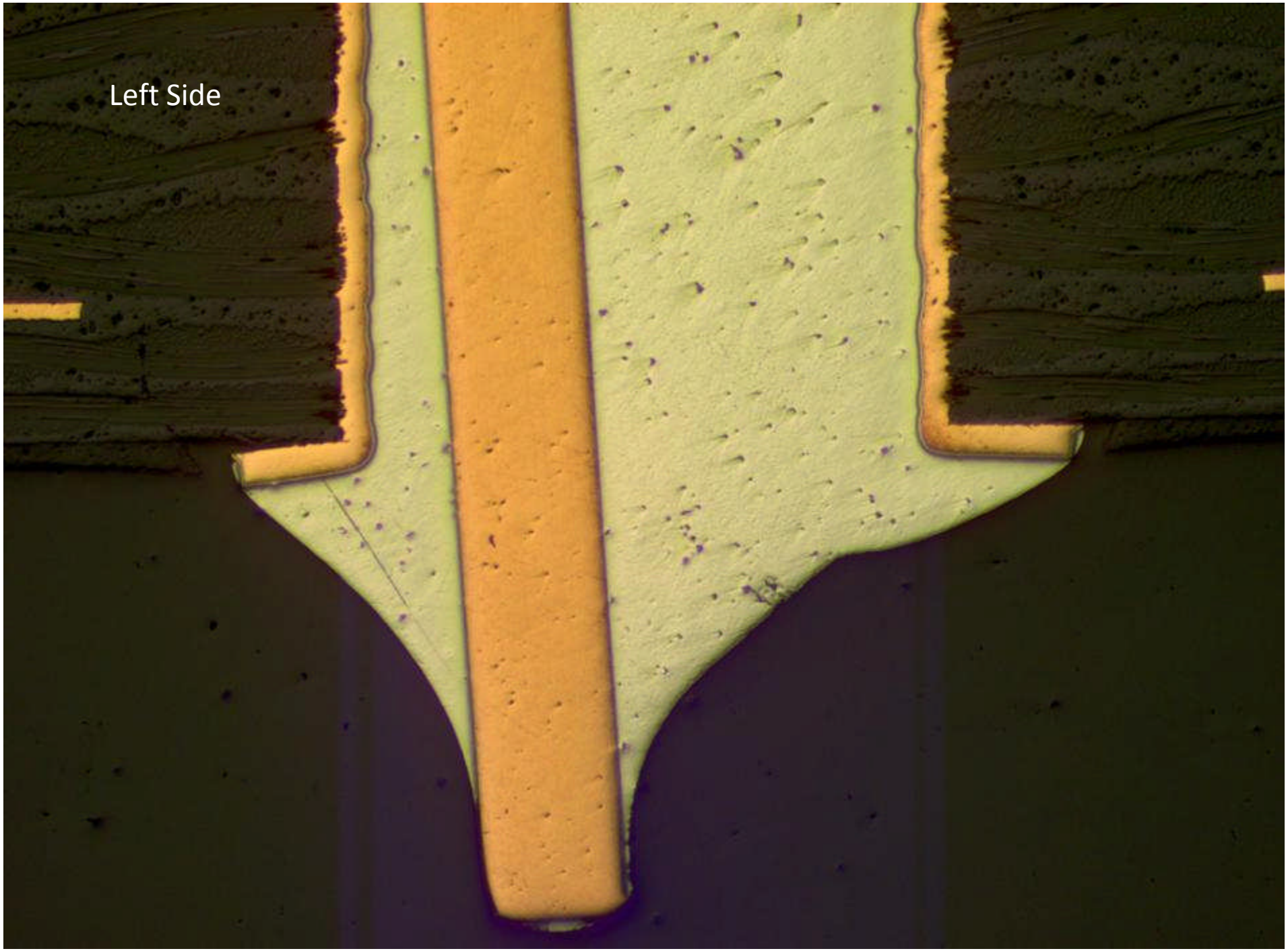
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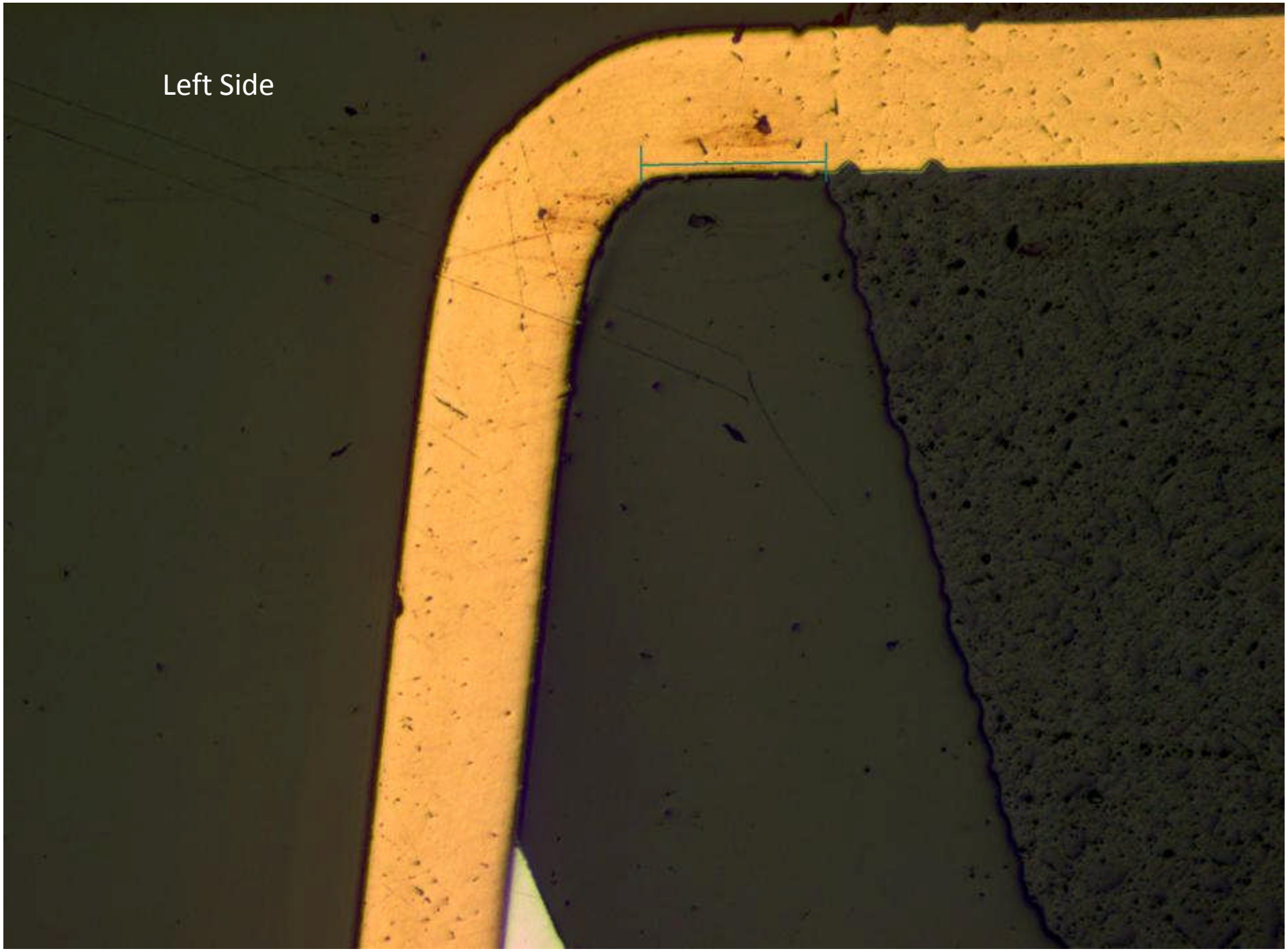
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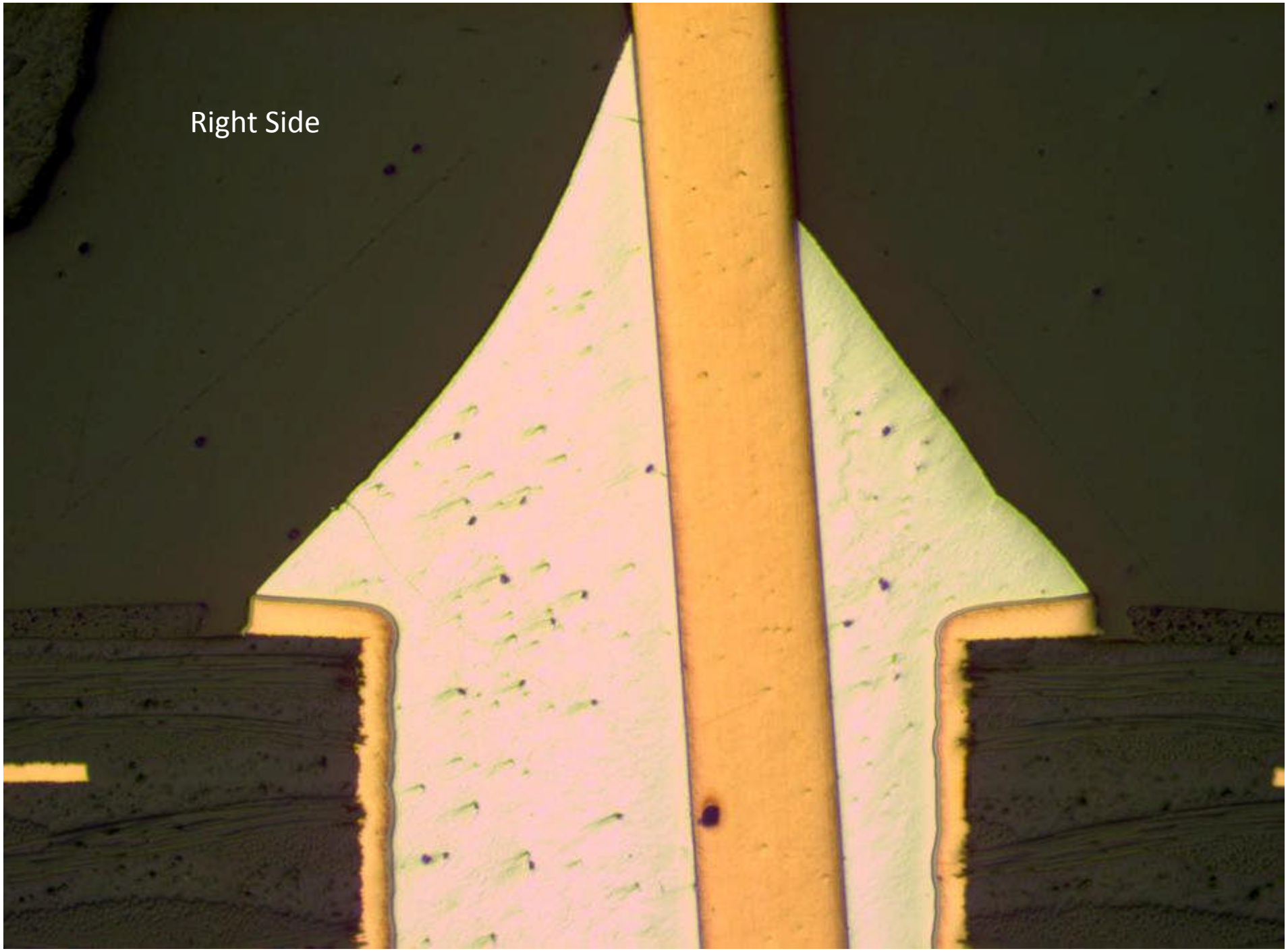
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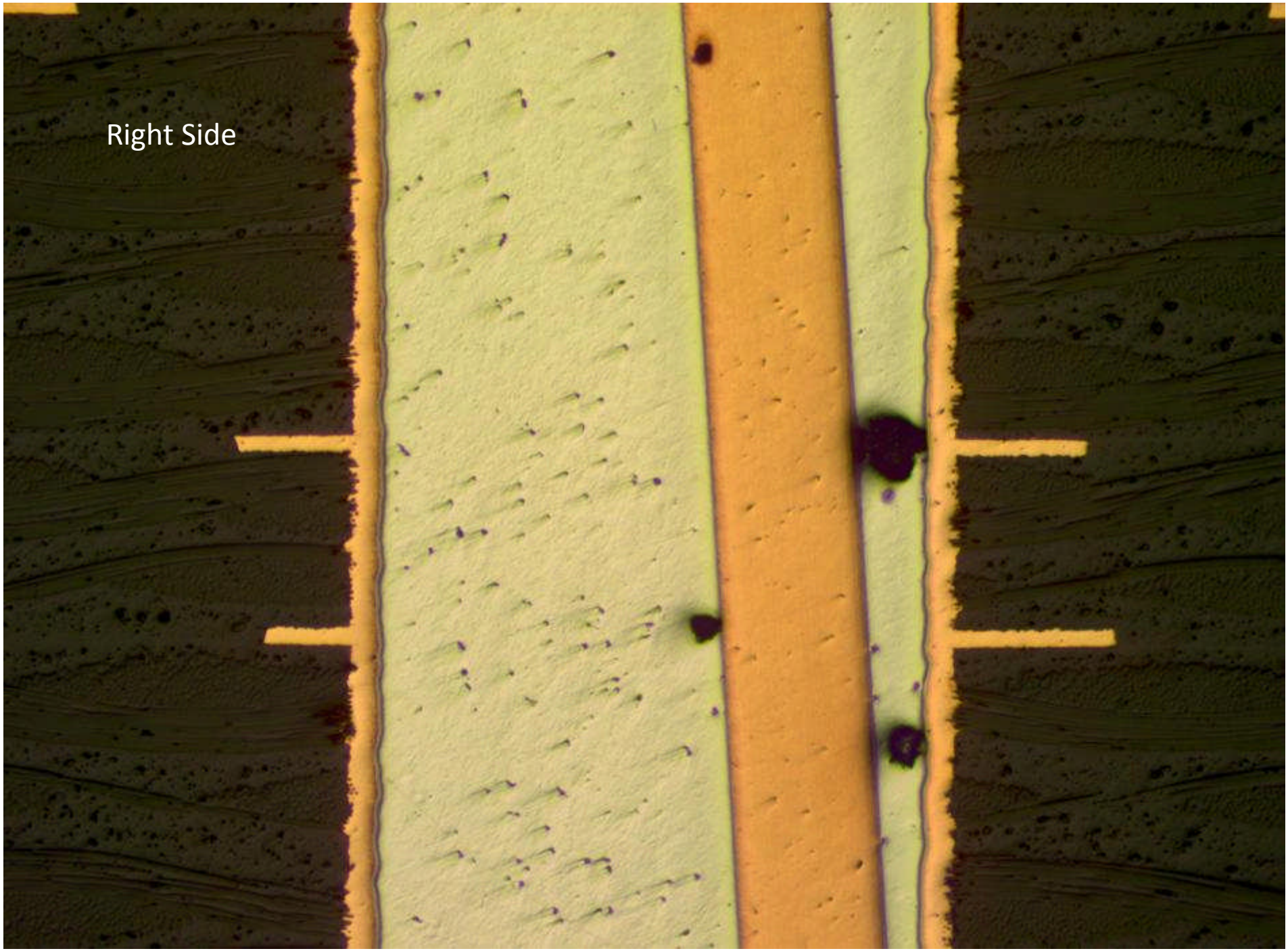
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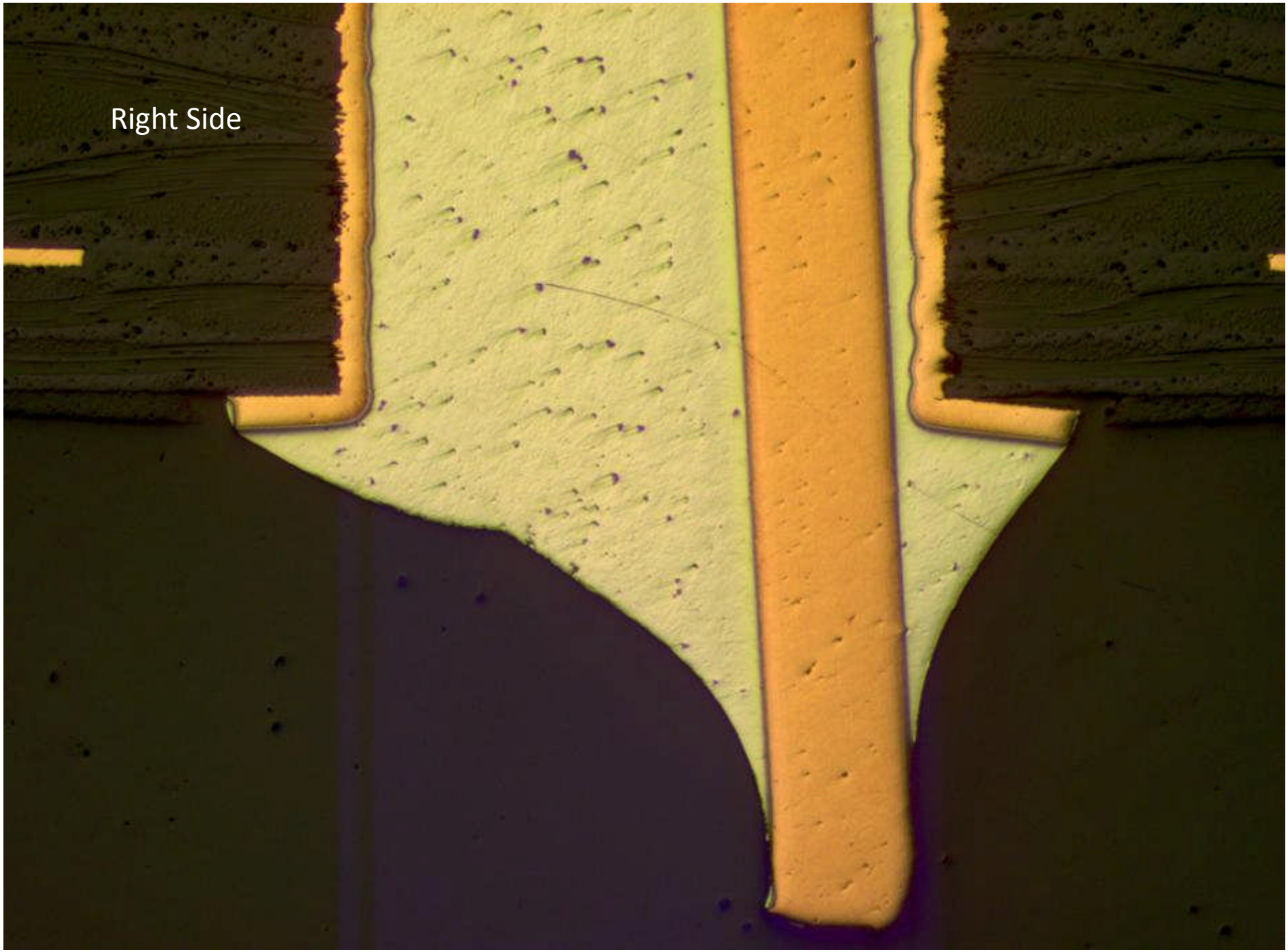
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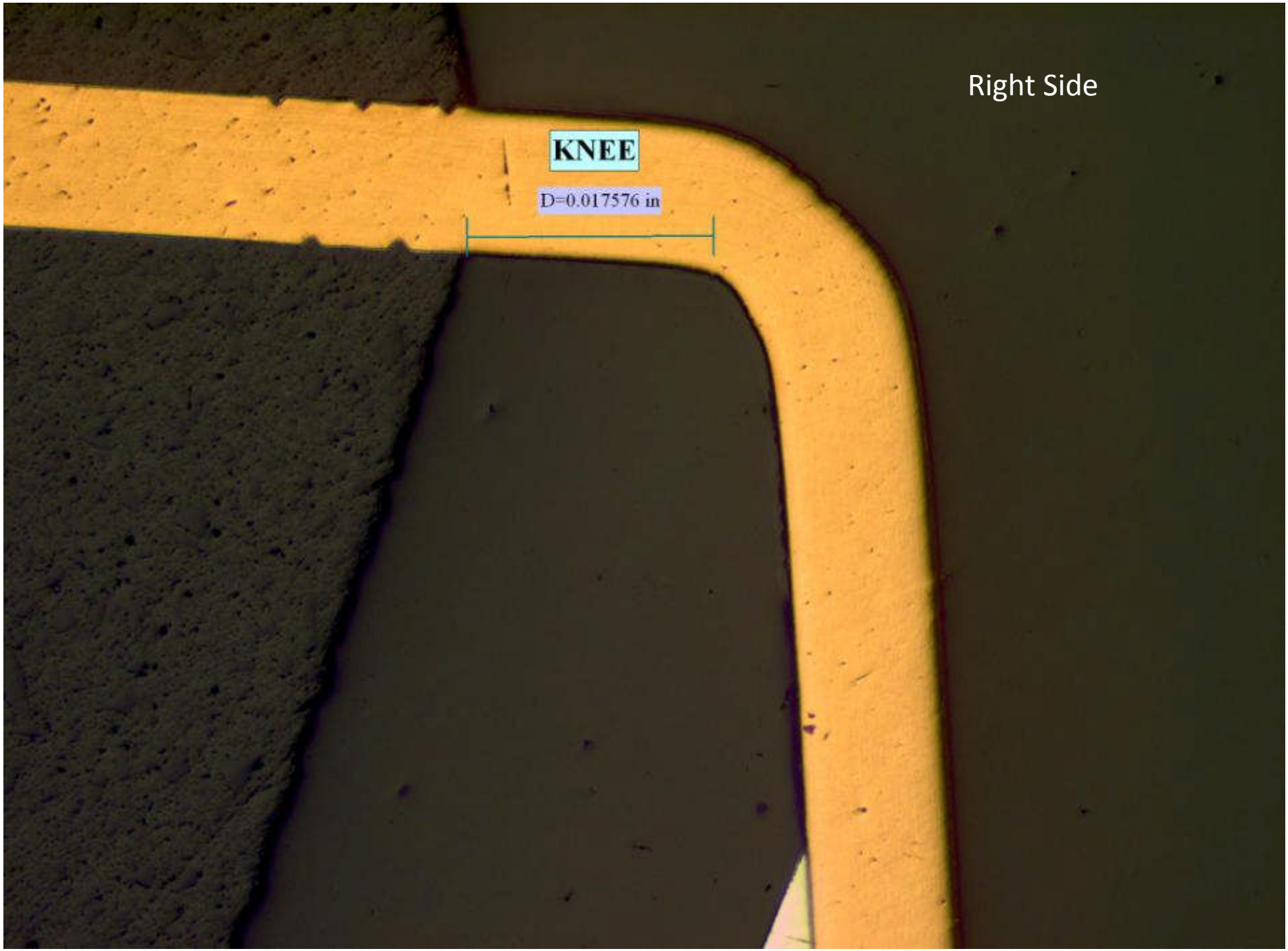
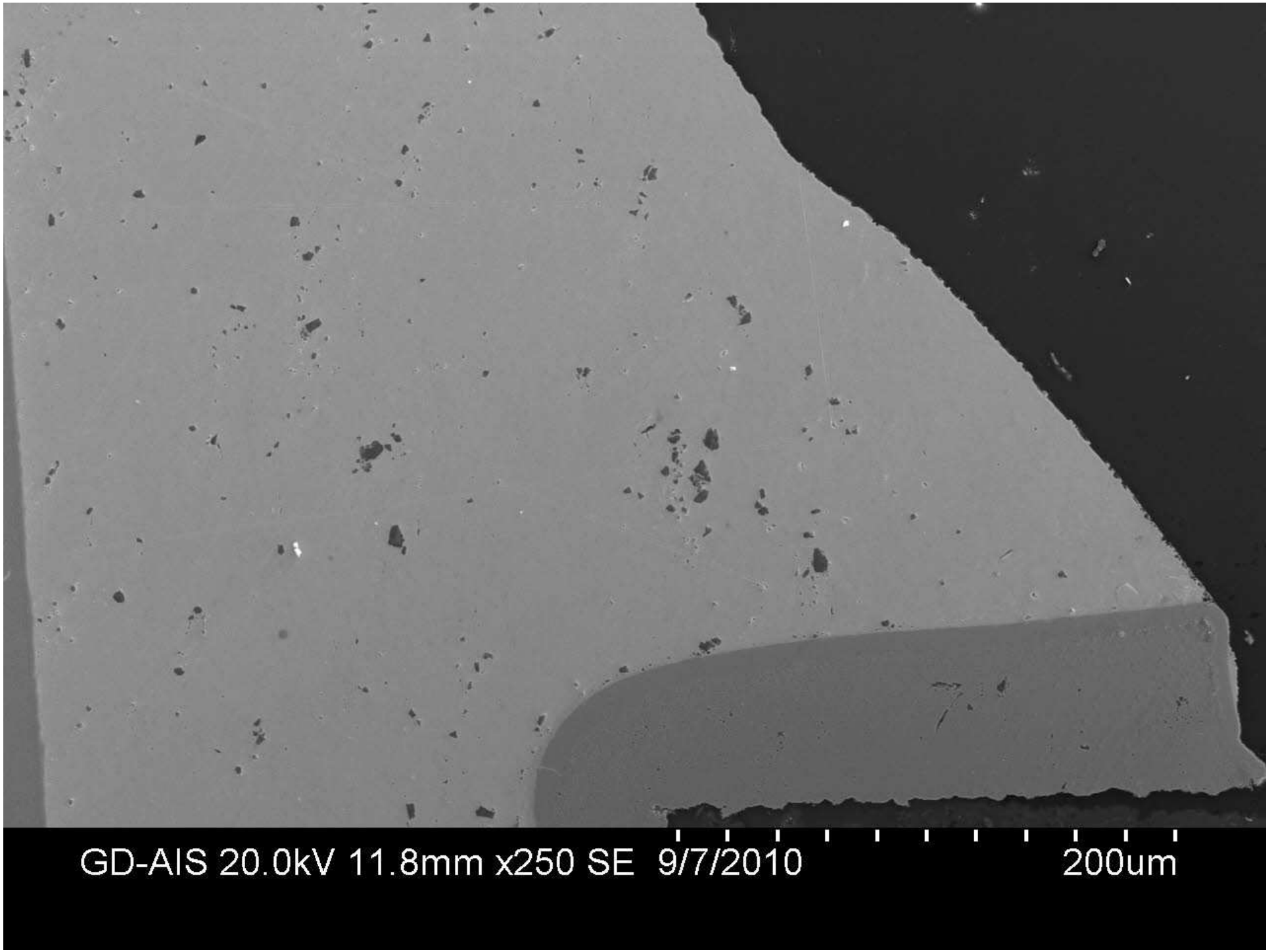
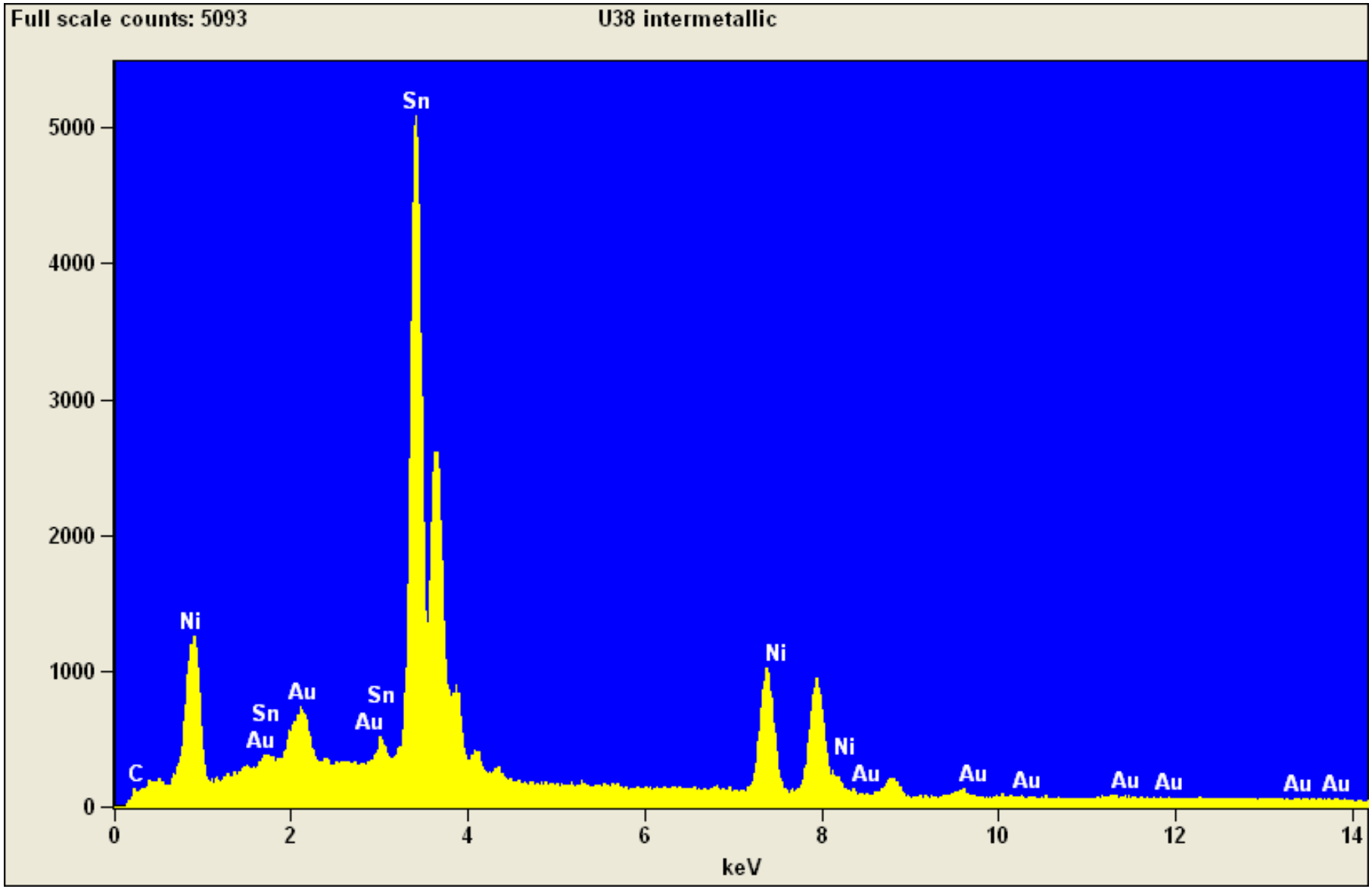

Right Side
KNEE
D=0.017576 in


GD-AIS 20.0kV 11.8mm x250 SE 9/7/2010
200um



Quantitative Results for: U38 intermetallic

Element Line	Weight %	Atom %
Ni K	22.61	37.14
Sn L	77.39	62.86
Total	100.00	100.00