

Resistive Divider Board Crack Test Results

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on behalf of the LSU FC endwall team

LSU

ProtoDUNE MOV Cracktests



For reference



Pre-production MOV Cracktests



Bad
(Crack going around lead area on MOV)

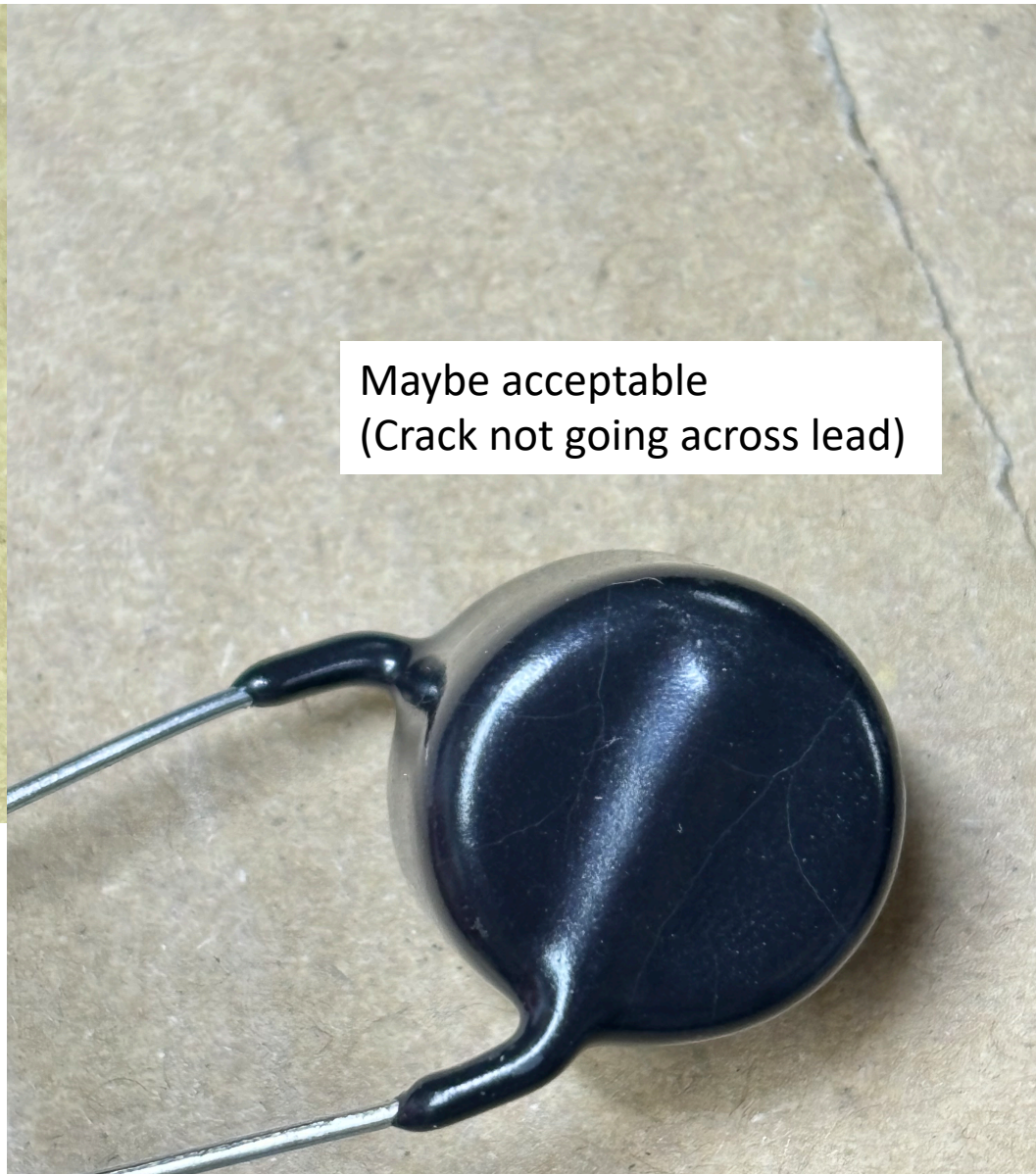


Bad
(Crack going across lead)

Pre-production MOV Cracktests



Bad
(Crack going across lead)



Maybe acceptable
(Crack not going across lead)

MOV Cracktest Observations

Quantity of MOV crack tested: ~200

Fraction of MOVs with cracks: ~60%

Observation:

Racks seem fainter compared to (some) cracks observed during MOV cracktests for ProtoDUNE

Next steps:

- Increase quantity of tested MOVs
- Check for MOV batch dependencies
- ...