

AVIS-2000LFS

Lead Frame Inspection



Lead Frame Inspection

Application

- High-End Stamped or Etched Lead Frame (both Cu & Ni material)
- Products : MLF, MLP, QFN, QFP and others

Major Features

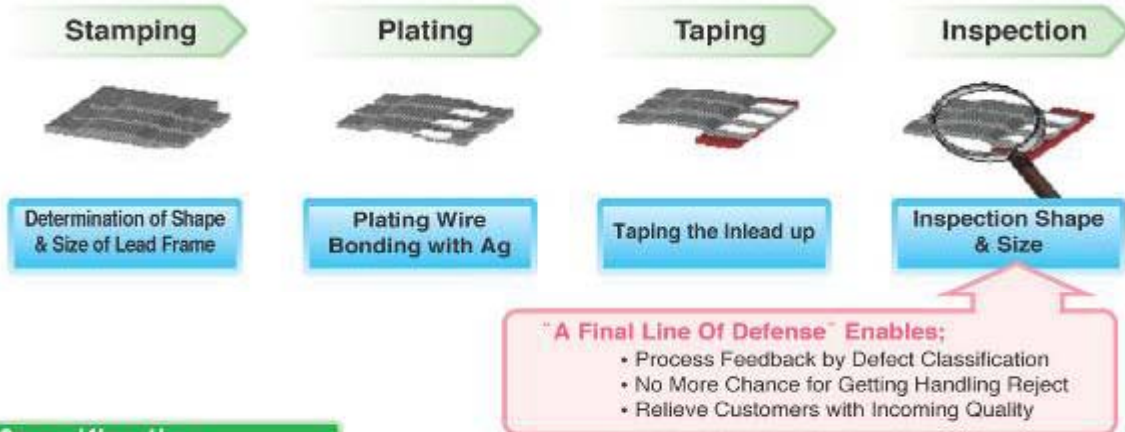
- Surface (Top & Bottom side), 2D Geometry inspection
- 3 sets of High Resolution Line Scan CCD Camera
- Minimize handling defects on Lead Frame
- Relieve Customers with Incoming Quality
- Higher Inspection Productivity
- Low Over-Rejection
- PC based Hardware control



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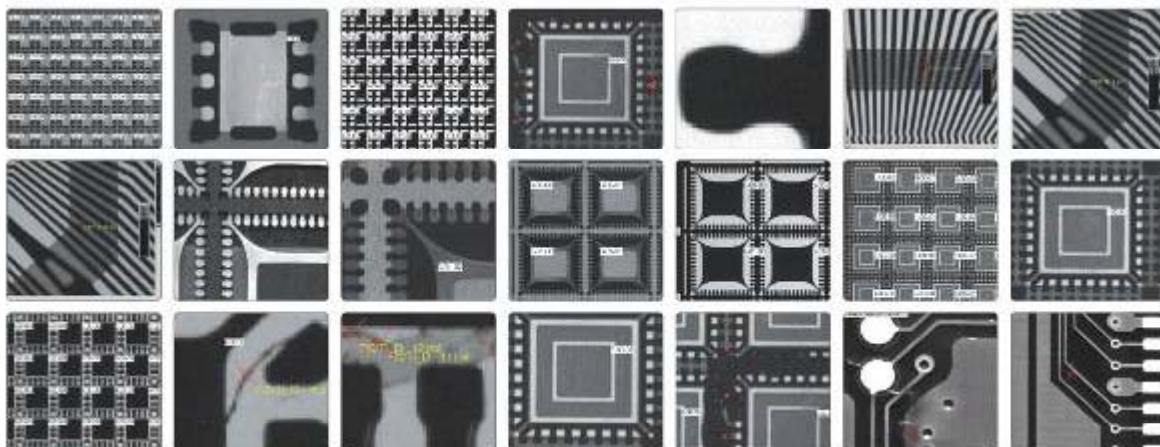
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Specification

Inspected products	QFP, MLP, QFN (ILP < 150)	
Dimension	20~80mm (W), 150~250mm (L)	
Resolution	10 ~ 15um/pixel	
Inspection productivity	approx. 5 second/strip (based on 60x220mm QFN)	
Inspection item	Surface	Plating Position, Pit/Slug, Foreign Material Contamination, Oxidation
	Profile	Lead Spacing, Lead Width, Lead Shift, Lead Bent, Pad Shift, Under/Over Etch, BridgingTape Width, Tape Position
	Others	No Downset, Die Pad Tilt, No tape
Utility	AC220, 1 phase, 60Hz, 5kgf/cm2, 4kw	



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