



**INSPEKTO**  
AUTONOMOUS MACHINE VISION

# Electrical Connector - Pin Check

## Inspection Use Case

### Application

Check for integrity and damage.

### Potential Defect Types

1. Detect missing pins
2. Detect bent pins
3. Detect pins with excess plastic

### Special Inspections Challenges

1. Pin head roundness may vary
2. Check up to 256 pins with one inspection
3. Dust specs are tiny and only visible at large zoom

## Production Environment

### Line Handling Method

Conveyor belt and manual inspection

### Inspection Triggering Method

Self triggering / Manual triggering



## Part Description

Name

Electrical connector

Materials

Plastic, Metal

Production process

Injection Molding

Industry

Automotive/ Electronic

## Using INSPEKTO S70

