Model path: saved_models/pcb_defect_detection_best.pt

Test set size: 137

Test time: 2025-10-21 20:08:36

Overall Metrics

Accuracy	0.8029
Precision	0.9868
Recall	0.8029
F1 Score	0.8611

Classification Report

Class	Precision	Recall	F1-Score	Support
missing_hole	1.0000	1.0000	1.0000	23
mouse_bite	1.0000	1.0000	1.0000	23
open_circuit	1.0000	0.9545	0.9767	22
short	0.9048	1.0000	0.9500	19
spur	1.0000	0.4800	0.6486	50
spurious_copper	0.0000	0.0000	0.0000	0
macro avg	**0.8175**	**0.7391**	**0.7626**	**137**
weighted avg	**0.9868**	**0.8029**	**0.8611**	**137**

Confusion Matrix

Confusion Matrix