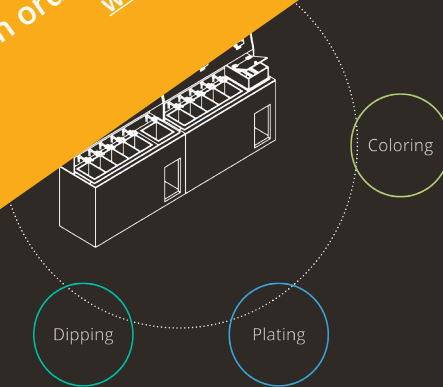


# MiM & MiM-Like

## Surface treatment

Surface treatments are very common for MiM and MiM-Like parts, its aim is to improve functions and appearance. Surface treatments are compatible with MiM and MiM-Like parts, as steam oxidizing, coloring, plating, dipping and electroplating spraying.

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The first step in selecting a surface modification is to determine the surface and substrate engineering property requirements, such as:

- abrasion wear resistance under conditions of low or high compression loading
- resistance to scuffing and seizure
- bending or torsional fatigue strength
- rolling contact fatigue
- resistance to case cracking (surface coating)
- resistance to corrosion.

The thickness of the engineering surface modification is typically 0.05 to 1.0 millimeters for weld overlay, 0.05 to 0.5 millimeters for electroplating, and 0.001 to 0.01 millimeters for chemical vapor deposition. The surface modification is applied to the substrate surface.

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