

KME PLATING SERVICE

To ensure the functional reliability of the contact system, today different coatings on copper materials become prescribed from our customers. We meet these specifications with our hot-dip tinning and electroplating facilities, which are available at various KME locations.

HOT-DIP TINNING ACCORDING TO DIN EN 13148 (RoHS conform)

Layers		pure tin	tin-silver (Sn28M)	thermal tin (Sn13)
Thickness range (mm)			0.10 – 1.20	
Width range (mm)			15 – 330	
Layer thickness (µm)	0.8 – 2	●	–	●
	1 – 3	●	●	–
	2 – 5	●	●	–
	3 – 7	●	●	–
	4 – 8	●	●	–
	5 – 10	●	●	–
	10 – 20	●	●	–

Note

Generally, the order thickness of the strip-material is that of the uncoated strip.
The coating thickness must be added to the order thickness.
Other coating thicknesses are possible by request.

GALVANIC COATING ACCORDING TO DIN EN 14436 (RoHS conform)

Layers	Cu + Sn	Ni + Sn	Ni + Cu + Sn	Ag
Surface finish		matte bright reflow brushed matte brushed bright		N/A
Thickness range (mm)	0.2 – 2.0 (> 2 – 5 on request)			
Width range (mm)	5 – 340 (> 340 – 450 on request)			