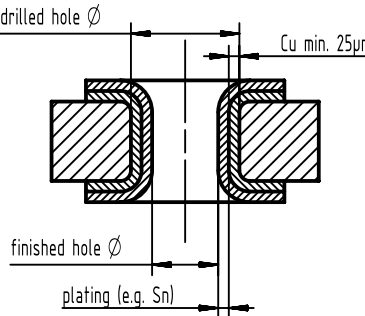
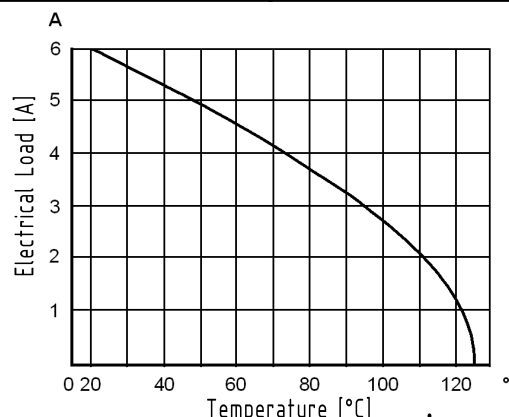


1	2	3	4	5	6	7	8																																																		
A	 DIN power female connector low profile RoHS compliant 				Recommended configuration of plated through holes for press-in termination In addition to the hot-air-level (HAL), other PCB surfaces are getting more important. Due to their different properties – such as mechanical strength and coefficient of friction – we recommend the following configuration of PCB through holes.  <table border="1"> <tr> <td rowspan="3">Tin plated PCB (HAL) acc. to EN 60352-5</td><td>Drilled hole Ø</td><td>1,15±0,025 mm</td></tr> <tr> <td>Sn</td><td>max. 15 µm</td></tr> <tr> <td>plated hole Ø</td><td>0,94 – 1,09 mm</td></tr> <tr> <td rowspan="3">Chemical tin plated PCB</td><td>Drilled hole Ø</td><td>1,15±0,025 mm</td></tr> <tr> <td>Sn</td><td>min. 0,8µm</td></tr> <tr> <td>plated hole Ø</td><td>1,00 – 1,10 mm</td></tr> <tr> <td rowspan="4">Gold /Nickel plated PCB</td><td>Drilled hole Ø</td><td>1,15±0,025 mm</td></tr> <tr> <td>Ni</td><td>3 – 7 µm</td></tr> <tr> <td>Au</td><td>0,05 – 0,12 µm</td></tr> <tr> <td>plated hole Ø</td><td>1,00 – 1,10 mm</td></tr> <tr> <td rowspan="3">Silver plated PCB</td><td>Drilled hole Ø</td><td>1,15±0,025 mm</td></tr> <tr> <td>Ag</td><td>0,1 – 0,3 µm</td></tr> <tr> <td>plated hole Ø</td><td>1,00 – 1,10 mm</td></tr> <tr> <td rowspan="3">Copper plated PCB (OSP)</td><td>Drilled hole Ø</td><td>1,15±0,025 mm</td></tr> <tr> <td>plated hole Ø</td><td>1,00 – 1,10 mm</td></tr> </table>				Tin plated PCB (HAL) acc. to EN 60352-5	Drilled hole Ø	1,15±0,025 mm	Sn	max. 15 µm	plated hole Ø	0,94 – 1,09 mm	Chemical tin plated PCB	Drilled hole Ø	1,15±0,025 mm	Sn	min. 0,8µm	plated hole Ø	1,00 – 1,10 mm	Gold /Nickel plated PCB	Drilled hole Ø	1,15±0,025 mm	Ni	3 – 7 µm	Au	0,05 – 0,12 µm	plated hole Ø	1,00 – 1,10 mm	Silver plated PCB	Drilled hole Ø	1,15±0,025 mm	Ag	0,1 – 0,3 µm	plated hole Ø	1,00 – 1,10 mm	Copper plated PCB (OSP)	Drilled hole Ø	1,15±0,025 mm	plated hole Ø	1,00 – 1,10 mm	A													
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				 All rights reserved Department EL PD HARTING Electronics GmbH D-32339 Espelkamp All Dimensions in mm Original Size DIN A3 Scale 1:1 Free size tol. Ref. Sub. Created by STORCK Inspected by TADJE Standardisation HOFFMANN Date 2020-03-12 State Final Release Title DIN power female connector low profile Type DS Number 09062100006 Doc-Key / ECM-Nr. 100580658/UGD/000/B 500000164769 Rev. B Page 1/1				F																																																	

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