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<div><div></div><div>DIN Signal female connector - NFF</div><div><div>RoHS</div><div>compliant</div><div></div><div></div></div></div>				<div><div>Recommended configuration of plated through holes for press-in termination</div><div><div>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.</div><div><div></div><div><table><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="3">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 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="2">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></div></div></div></div>				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	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																																							
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<div><div>Derating diagram acc. to IEC 60512-5 (Current carrying capacity)</div><div><div>The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals.</div><div><div>The current capacity curve is valid for continuous, non interrupted current loaded contacts of connectors when simultaneous power on all contacts is given, without exceeding the maximum temperature.</div><div>Control and test procedures according to DIN IEC 60512-5</div><div><div><div>A</div><div><div>Electrical Load [A]</div><div>Temperature [°C]</div></div></div></div></div></div></div>																																																																															
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<div><div></div><div>All rights reserved</div><div>Department EL PD</div><div>HARTING</div><div>D-32339 Espelkamp</div></div>				<div><div></div><div>All Dimensions in mm Original Size DIN A3</div><div>Scale 1:1</div><div>Free size tol.</div><div>Ref.</div><div>Sub.</div><div>Created by LEHNERT</div><div>Inspected by STORCK</div><div>Standardisation</div><div>Date 2021-11-23</div><div>State Final Release</div><div>Title DIN Signale female connector - NFF</div><div>Type DS</div><div>Number 09032120001</div><div>Doc-Key / ECM-Nr. 100580364/UGD/000/B 500000206511</div><div>Rev. B</div><div>Page 1/1</div></div>																																																																											
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