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HARTING ix Industrial HARTING ix Industrial® type B RoHS compliant				Packaging specification Material PE + PS			
Material specification Isolator material plug Material Isolation body PA Plug hood PC Color Black UL classification UL94 V-0 Isolator material jack P/N 09452819000 09452819001 09452819002 Material LCP LCP PA Color Grey UL classification UL94 V-0 Contact Contact material Copper alloy Plating contact zone Au (min. 0,2 µm) over Ni (min. 2 µm) Plating solder area Au (min. 0,03 µm) over Ni (min. 2 µm) Shielding shells Material Stainless steel Plating Ni (min. 1 µm) plug shield case Ni (min. 0,2 µm) plug shield shell Sn (min. 1 µm) over Ni (min. 0,2 µm) jack.							
Soldering specification Solderability Soldering point immersed in solder bath of +235°C ± 5°C, 5 sec. (using type r flux). Solder cover minimum of 95 % of the surface being immersed. Resistance to soldering heat +250°C ± 10°C, 5 sec. at soldering parts Soldering details plug PSL level acc. ECA/IPC/JEDEC J-STD-075 PSL R0 Soldering details jack MSL level acc. ECA/IPC/JEDEC J-STD-020D MSL 1							
Recommended soldering profile for plug Resulting from the above mentioned MSL and PSL values, we can recommend the following soldering profile as a guide. Please note that this is only an indication. The specific soldering profile must always be adapted to the application and the solder which will be used. 240°C 230°C MIN 180°C 150°C 60 S 30 S Recommended reflow profile temperature (temperature at smt leads)							
				All Dimensions in mm Original Size DIN A3 Scale 1:1 Free size tol. Ref. Sub. All rights reserved Department EL PD Created by PREOTU Inspected by STOICA Standardisation ROEBEN Date 2022-01-27 State Final Release HARTING ix Industrial® type B Doc-Key / ECM-Nr. 100794076/UGD/000/G 500000210480 Type DS Number 09450000004 Rev. G Page 2/2 HARTING D-32339 Espelkamp			
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