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HARTING ix Industrial type B HARTING ix Industrial type B HARTING ix Industrial type B							

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HARTING ix Industrial® type B US RoHS compliant				Packaging specification			
Material specification							
Isolator material plug							
Material Isolation body PA Plug hood PC							
Color Black							
UL classification UL94 V-0							
Isolator material jack							
P/N 094528190000945281900109452819002							
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. 1,27 µm)							
Plating solder area Au (min. 0,05 µm) over Ni (min. 1,27 µm)							
Shielding shells							
Material Stainless steel							
Plating Sn (min. 1 µm) over Ni (min. 2 µm) solder area and mating zone Ni (min. 2 µm) for all other areas							
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							
Soldering details plug +250°C ± 10°C, 5 sec. at soldering parts							
Soldering details jack PSL level acc. ECA/IPC/JEDEC J-STD-075PSL R0 MSL level acc. ECA/IPC/JEDEC J-STD-020DMSL 1							
Recommended soldering profile for plug In addition to the maximum values 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 rights reserved Department EL PD HARTING D-32339 Espelkamp Scale 1:1 Free size tol. Created by PREOTU Inspected by PRIESTER Standardisation ROEBEN Title HARTING ix Industrial® type B Type DS Number 09450000004 Ref. Sub. Doc-Key / ECM-Nr. 100794076/UGD/000/F 500000203560 Rev. F Page 2/2							
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