1	2 3	4	5	6	7	8
ARTING har	-bus®64 female cor	proctor analod RoHS	Soldering instruction	ns		
IIdl	-003-04 LEMIQLE COL	IIIECIOI allyteu compliant				
				ould be protected when being soldered		n. Otherwise, they might become
			contaminated as a	result of soldering operations or defo	ormed as a result of overneating.	
General information				and short runs protect the connector		
Danier	IEC 61076-4-113	h h h@(aha-da- ad aa-h		e of the connector moulding and the a		
Design No. of contacts	max. 160	type: har-bus®64 extender card connecto	suffice.	and gases of the soldering apparatus	rrom damaging the connector. About	140 + 5 mm or rne rape snouto
Contact spacing	2,54 mm	· · · · · · · · · · · · · · · · · · ·				
Test voltage	1000 V			s a jig is recommended. Its protective		
Contact resistance	max. 20 mOhm	max. 30 mOhm for rows z, d	from gas and near that should not be	generated by the soldering apparatus soldered.	. AS an additional protection a toll (can be used for covering the parts
Insulation resistance	min. 10 ¹² Ohm			50.021.20.		
Working current	1 A at 70°C (see derating diagram)		Cross section of s	older terminations		
Temperature range	-55°C +125°C					
Temperature range for reflow soldering	max. 20 s @ 240°C		Row a, z	Row b, c, d		
Termination technology	solder pins		0,76±0,03	0,8±0,03		
Clearance & creepage distance	0,6 mm between the rows		0,10-0,03	**************************************		
	0,8 mm between two contacts in a row					
Insertion and withdrawal force	max. 160 N			10,1		
PCB thickness	min. 1,6 mm	F00 1:		0,25±0		
Mating cycles	PL 1 acc. to IEC 61076-4-113	500 mating cycles		٥١		
UL file	E102079					
RoHS - compliant Leadfree	Yes Yes		Recommended plate	d hole diameter: 1 mm ± 0,1		
Material	Termination side PBT (GF 30%)	Mating side PCB LCP (GF 30%) FR4				
Colour	RAL 7032 (grey)	nature green				
UL classification	UL 94-V0	UL 94-V0 -				
Material group acc. to IEC 60664-1	IIIa (175 <u><</u> CTI < 400)	IIIa (175 <u><</u> CTI < 400) −				
NFF classification	I3, F4	-				
Contact material						
tomaci marcinat						
	Copper alloy					
Contact material						
	Sn over Ni		I			
Plating termination zone	•					
Plating termination zone Plating contact zone	Sn over Ni Au over Ni					
Plating termination zone Plating contact zone	Sn over Ni Au over Ni					
Plating termination zone Plating contact zone Derating diagram acc. to IEC 60512-5 (Cu The current carrying capacity is limited I	Sn over Ni Au over Ni rrent carrying capacity) by maximum temperature					
Plating termination zone Plating contact zone Derating diagram acc. to IEC 60512-5 (Cu The current carrying capacity is limited I	Sn over Ni Au over Ni rrent carrying capacity) by maximum temperature					
Plating termination zone Plating contact zone Derating diagram acc. to IEC 60512-5 (Cu The current carrying capacity is limited to the solution of materials for inserts and contacts incompacts.	Sn over Ni Au over Ni rrent carrying capacity) by maximum temperature 2,0					
Plating termination zone Plating contact zone Derating diagram acc. to IEC 60512-5 (Cu The current carrying capacity is limited loft materials for inserts and contacts incompared to the current capacity curve is valid for contacts of contacts.	Sn over Ni Au over Ni rrent carrying capacity) by maximum temperature cluding terminals. ontinuous, non onnectors when					
Plating termination zone Plating contact zone Derating diagram acc. to IEC 60512-5 (Cu The current carrying capacity is limited lof materials for inserts and contacts incompared to the current capacity curve is valid for contacts of contacts is given to the contacts of contacts of contacts is given to the contacts of contacts of contacts of contacts is given to the contacts of contacts in the contacts of contacts of contacts of contacts in the contacts of	Sn over Ni Au over Ni rrent carrying capacity) by maximum temperature cluding terminals. ontinuous, non onnectors when			mensions in mm Scale Free size tol	Ιρ	e f .
Contact material Plating termination zone Plating contact zone Derating diagram acc. to IEC 60512-5 (Cu The current carrying capacity is limited to a contacts in the current capacity curve is valid for contacts of contacts of contacts of contacts of contacts is given to the maximum temperature. Control and test procedures according to	Sn over Ni Au over Ni rrent carrying capacity) by maximum temperature cluding terminals. ontinuous, non onnectors when yen, without exceeding			mensions in mm Scale Free size tol al Size DIN A3 1:1	<u> </u>	ef. ub. DS 02 07 220 02 01 Mod. EC01482 2011-04-21
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