HARTING	N signal male conn	ector - co	omplementary	RoHS compliant	1		when being soldered in a	a dip, flow or film solderin	ng bath. Otherwise	they might become
General information	:		;		contaminated a	s a result of soldering	g operations or deforme	d as a result of overheat	ting.	
		:	:	:				th an industrial adhesive t ent parts of the pcb as w		
Design	IEC 60603-2		complementary types C	4- and 5-row male	will prevent he	at and gases of the s	oldering apparatus from	damaging the connector.	About 140 + 5 mm	of the tape should
No. of contacts	max. 160				suffice.					
Contact spacing	2,54 mm				(2) For large s	eries a iin is recommer	nded Its montentive cove	r with a fast action mech	nanical locking device	e shields the connecto
Test voltage	1000 V				from gas and h	neat generated by the	soldering apparatus. As	an additional protection	a foil can be used '	for covering the parts
Contact resistance	max. 20 mOhm				that should no					
Insulation resistance	min. 10½ Ohm									
Working current	1 A at 70°C	(see derating diagra	am)		Cross section	of solder pins				
Temperature range	-55°C +125°C									
Termination technolog	solder pins				5					
Clearance & creepage					0,6±0,01	0,6±0,03				
Insertion and withdra	ral force 160pol. max. 150 N					<del>-</del>				
iliserrion and withdra	128pol. max. 120 N									
	- PL1 acc. to IEC 606	03-2 =>	500 mating cycles							
Mating cycles	- PL2 acc. to IEC 606	003-2 =>	400 mating cycles		'					
	- PL3 acc. to IEC 606	503-2 =>	50 mating cycles							
UL file	E102079									
RoHS - compliant	Yes									
Leadfree	Yes									
Hot plugging	No									
Insulator material	;	· · · · · · · · · · · · · · · · · · ·	;		<u> </u>					
Material	DRT /thormaniantica	glass fiber reinforcemen	nt 30%)		—— <b> </b>					
Colour	RAL 7032 (grey)	Arass uner Leimonreillei	10/0/		—— <u> </u>					
UL classification	UL 94-V0				—— <b> </b>					
Material group acc. to	-				<del></del>					
NFF classification	13, F4				—-					
	, ו 4 , נו				<u> </u>					
Contact material					<u> </u>					
Contact material	Copper alloy		<del>-</del>							
Plating termination zo										
Plating contact zone					<u> </u>					
Plating contact zone		:								
Derating diagram acc.	to IEC 60512-5 (Current carrying capacity)			-	<u> </u>					
	apacity is limited by maximum	2,0	<del>, , , , , , , , , , , , , , , , , , , </del>		1 I					
temperature of mater terminals.	als for inserts and contacts including									
	curve is valid for continuous, non	₹ 1,5 <b>—</b>	+		4					
interrupted current lo	aded contacts of connectors when	[A] 1''				All Diagrams . I	Scale Free size tol.		Ref.	
	all contacts is given, without exceeding						Scale Free size tol. :1			) N1 Mad ECN1/00 2044 0/ 24
the maximum tempera	ure.	ical 1,0		$\overline{}$				hv   C+>64-1-1:1:	Date   Sub. US 02 21 120 02	2 01 Mod. EC01482 2011-04-21
Control and test prod	edures according to DIN IEC 60512-5	Electrical				IIUIII 3 I ESEI VEU 🛚 🖠	eated by Inspected ELEMANN TADJE	by Standardisation KOHLER	2014-07-17	State Final Release
- ·· <b>F</b> · •	,	⊕ 0,5	<del>                                     </del>	$\vdash$	HARTING Department	entron no 📙				Doc-Key / ECI
							ໍ້ DIN sional male co	nnector – complement	vacv	100580023/UGD/ 50000076063
		0,0			HARTING Electronic	3 4111011			1	
		^	20 40 60 8	30 100 120	140	<b> </b>   y p	JE DC   NUMber A A A	144000000		Rev.
		U	Temperature		D-32339 Espelkamp	l "	Pe DS Number 022	211200201		Rev. A