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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	07NOV2022	NK	JDB

RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)
NOTED

RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

NOTE 1: SIDE SHIELD PINS IN FRONT (4,57 mm)
NOTE 2: ONE REAR GROUNDING PINS CENTERED
NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)
NOTE 4: RoHS COMPLIANT

PART NO. IDENT.-NR.	TRANSMISSION REQUIREMENT ÜBERTRAGUNGSANFORDERUNG	CONTACT FINISH, MATING ZONE OBERFLÄCHENBEHANDLUNG
203492-E	CATEGORY 5	1,27 µm [50 µin] Au OVER Ni
OBSOLET 133671-E	CATEGORY 5	0,8 µm [30 µin] Au OVER Ni

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL

-

FINISH

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

DWN

N K NIKHIL

07NOV2022

CHK

N MANTIKOU

09NOV2022

APVD

J DE BRUIJN

09NOV2022

PRODUCT SPEC

108-94901

APPLICATION SPEC

114-94805

WEIGHT

-

CUSTOMER DRAWING

SCALE NTS

SHEET 1 OF 1

REV A1

TE Connectivity

MOD JACK - MJR

8P8C, 1X2

-

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-203492-E

RESTRICTED TO

-

Technical specifications

Materials & Finish	Standard applic.	Value
Insulation body	Standard description	PBT 30%
Contact material	Standard description	C5210 (acc. JIS)
Contact finish, mating zone	Thickness of plating	see chart
Contact finish termination zone	Thickness of plating	80 µin matte Sn over 50 µin Ni
Shell/shield material	Standard description	C2680 (acc. JIS)
Plating shield / shielding pin		50 µin Ni / 80 µin Sn

Assembly process		
Packaging	Tray	
Solder temperature	235°C at 3~5s	
Suitable assembly process	wave	

Approvals		
UL insulation body	UL 94	V0
UL File No.	E145613, E84703	
RoHS compliant		Yes

Test Data	Standard applic.	Value
Mechanical properties		
Insertion/withdrawal force	IEC 603-7	max. N.A.
Mechanical operations	IEC 512-5, 9a	min. 1.000
Effectiveness of connector coupling device	IEC 512-8, 15f	N.A.
Electrical properties		
Creepage / clearance distances		
a) Contact - contact	IEC 807-3	0,52 mm
b) Contact - shell	IEC 807-3	N.A.
Voltage proof (Dielectric Withstand Voltage)		
a) Contact - contact	IEC 512-2, 4a	min. 1.000 VDC/VAC
b) Contact - shell/testpanel	IEC 512-2, 4a	min. 1.500 VDC/VAC
Current carrying capacity	IEC 512-3, 5b	1,5 A @ 25° C
Contact resistance	IEC 512-2, 2a	max. 30 mOhm
Insulation resistance	IEC 512-2, 3a	min. 500 MOhm
Environmental properties		
Operation temperature		0 - 70° C