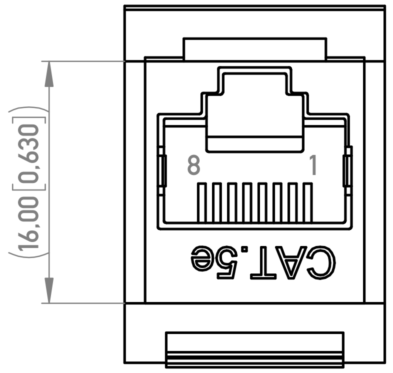
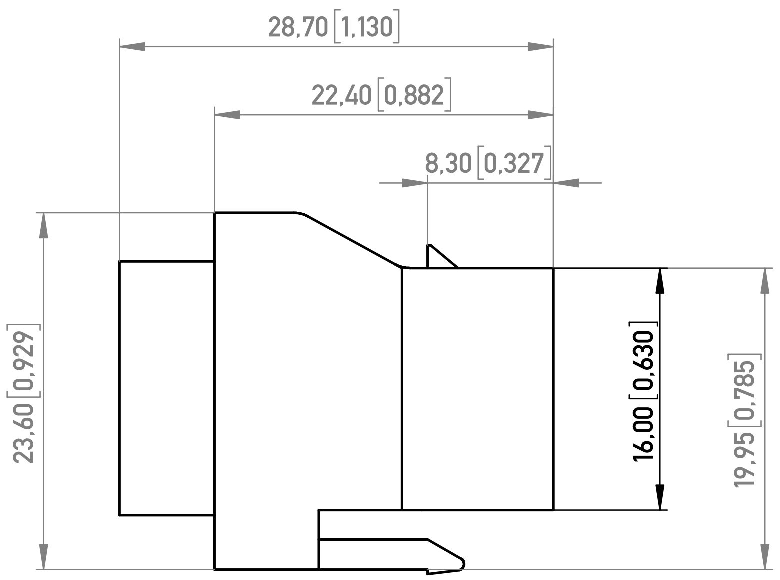
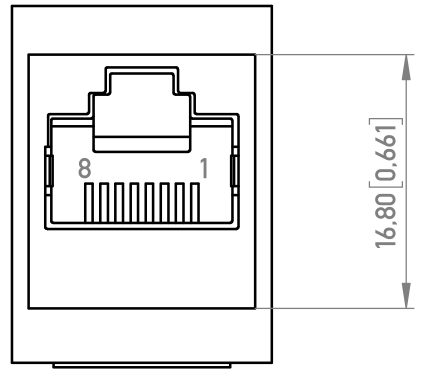
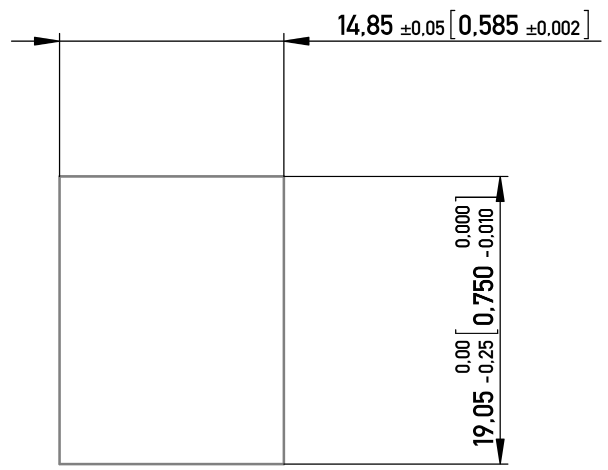
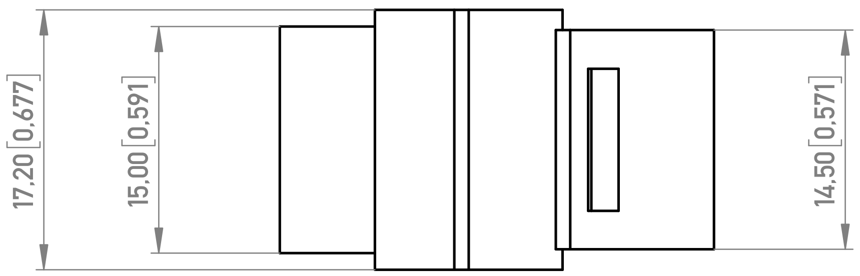


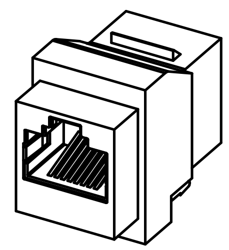




RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

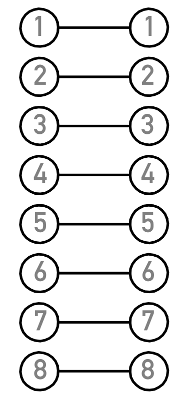






1:1

WIRING DIAGRAM



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	50 µinAu over 50 µin Ni
Shell/shield material	Standard description	C2680 (acc.JIS)
Shell/shield plating	Thickness of plating	50 µin Ni
Packaging		Bag
Approvals		
UL insulation body	UL 94	V0
UL File No.		E145613-E
RoHS compliant		Yes

Test Data	Standard applic.	Value
Mechanical properties		
Insertion/withdrawal force	IEC 603-7	max. 20 N
Mechanical operations	IEC 512-5, 9a	min 1.000
Effectiveness of connector coupling device	IEC 512-8, 15f	50 N
Electrical properties		
Creepage / clearance distances		
a)Contact - contact	IEC807-3	0,52 mm
b)Contact - shell	IEC807-3	min. 1,0 mm
Voltage proof (Dielectric Withstand Voltage)		
a)Contact - contact	IEC512-2, 4a	min. 1.000 VDC/VAC
b)Contact - shell/testpanel	IEC512-2, 4a	min. 1.500 VDC/VAC
Current carrying capacity	IEC512-3, 5b	1,5 A @ 25° C
Contact resistance	IEC512-2, 2a	max. 30 mOhm
Insulation resistance	IEC512-2, 3a	min. 500 MOhm
Environmental properties		
Operation temperature		-40 to +70° C

NOTE 1 : RECOMMENDED PANEL THICKNESS 1.6 mm [0.062"]
NOTE 2 : RoHS COMPLIANT

Dimension no.	Tolerances	All Dimensions in mm [in]	Scale 2:1	Tool-no.
	x,x ±0,38 x,xx ±0,25 ISO 8015		Material	
		Date / Name		
	Created	28.06.2007 Krammer	MOD JACK MJC	
	Checked	28.06.2007 Blind	INLINE COUPLER, CAT 5 e	
	Approved	19.05.2020 Semilia		

Index	Modification Nr.	Date	Name
1	TE Migration	16.05.2023	Admin

TE Connectivity

133513-E (1/1) A3

Class MJ