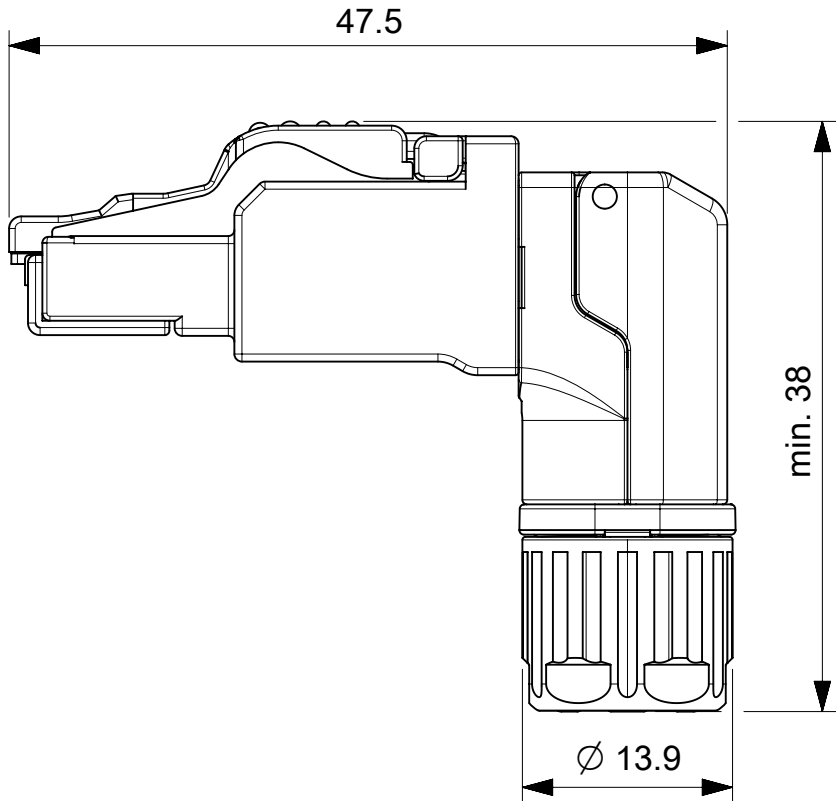
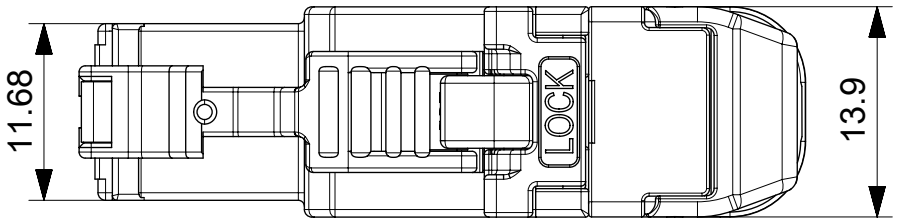
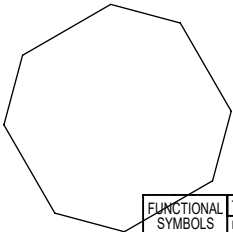




Technische Daten/TECHNICAL DATA		
Steckverbinder-Norm	IEC 60603-7-51	CONNECTOR STANDARD
Mechanische Eigenschaften		MECHANICAL CHARACTERISTICS
Steckkraft	< 30 N	INSERTION FORCE
Lebensdauer	> 750	LIFE
Kabelabzugskraft	min. 50 N	CABLE TO PLUG TENSILE STRENGTH
Werkstoffe		MATERIALS
Steckergehäuse	Zinkdruckguß vernickelt / ZINC DIECAST Ni PLATED	CONNECTING HOUSING
Kontaktgehäuse	PC UL 94 V0 glasklar / CRYSTAL CLEAR	CONTACT HOUSING
Adernvorsortierung	PC UL94 V0 weiss / WHITE	WIRE PRESORTING
Zugentlastung	PBT IL94 V0 schwarz / BLACK	STRAIN RILIEF
Verriegelungshebel, Staubschutzkappe	PBT UL94 V0 schwarz / BLACK	HOOK, PROTECTION CAP
Schirmblech	Federstahl, SPRING STEEL	SCREENING SHIELD
Leiterplatte	FR4 UL94 V0	PCB
Durchdring-Kontakte	Phosphor Bronze, min. 3...6 µm Sn	PIERCING CONTACTS
Schirmkontoakt	Messing / BRASS 2,5µm N1	SHIELD CONTACT
Kontakte	Federstahl / SPRING STEEL 0,8 µm Au; 1,2 µm Ni	CONTACTS
Richtlinie 2011/65/EU (RoHS)	RoHS-komnform / RoHS-COMPLIANT	DIRECTIVE 2001/65/EU (RoHS)
Adernanschluss		WIRE CONNECTION
Cu-Leiterdurchmesser (1300478009)	Massiv / SOLID 0,51 - 0,64 mm AWG24 - AWG 22/1 Litze / STRANDED 0,46 - 0,76 mm AWG27 - AWG22/7 *Litze / STRANDED 0,61 - 0,78 mm AWG24-AWG22/19	Cu-CONDUCTOR DIAMETER
Cu-Leiterdurchmesser (1300478011)	Massiv / SOLID 0,41 - 0,51 mm AWG26 - AWG24/1 Litze / STRANDED 0,46 - 0,61 mm AWG27 - AWG24/7 *Litze / STRANDED 0,51 mm AWG26/19	Cu-CONDUCTOR DIAMETER
Aderndurchmesser (1300478009)	1,0 - 1,6 mm	CORE DIAMETER
Aderndurchmesser (1300478011)	0,85 - 1,1 mm	INSULATION DIAMETER
Kabeldurchmesser	5,5 - 10,0 mm	CABLE DIAMETER

Anschluss / CONNECTION				Anwendung / APPLICATION			
Farbcode / COLOUR OF CODE T568		Profinet	RJ45 PIN Nr./NO.	10 BT / 100 BT	1 Gigabit/ 10 Gigabit Ethernet	Token Ring ISDN/So	Upo / TEL
A	B						
W - G	W - O	YE	1	●	●		
G	O	OG	2	●	●		
W - O	W - G	WH	3	●	●	●	
BL	BL	-	4		●	●	●
W - BL	W - BL	-	5		●	●	●
O	G	BU	6	●	●	●	
W - BR	W - BR	-	7		●		
BR	BR	-	8		●		



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
FUNCTIONAL SYMBOLS FA = 0 FE = 0 FE = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: SUPPLIER 3D-MODELS UPDATED					molex FA RJ45 CAT6A 8P MA RA SHLD IPC AWG22							
	mm		2:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 749863 DRWN: RSCHIEBER 2023/05/16 CHK'D: RSILLER 2023/05/17 APPR: RSILLER 2023/05/17					PRODUCT CUSTOMER DRAWING							
	ANGULAR TOL ± 1.0 °																
	4 PLACES		±														
	3 PLACES		±														
	2 PLACES		± 0.05		INITIAL REVISION: DRWN: KGRUEDL 2015/11/25 APPR: CBRUNS 2016/04/07					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	1 PLACE		± 0.3							1300478009		PSD		000		A2	
	0 PLACES		± 0.5														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
						A3-SIZE		130047		SEE TABLE 1				1 OF 2			

