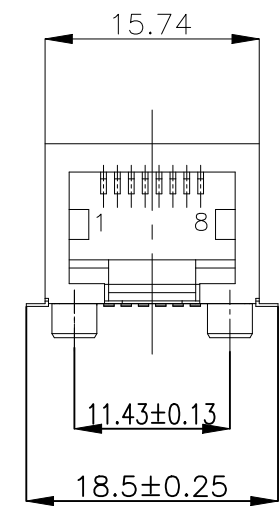
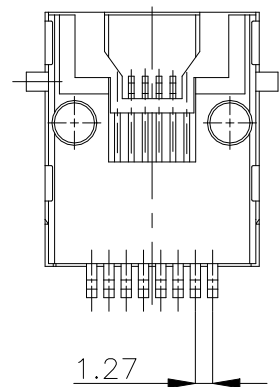
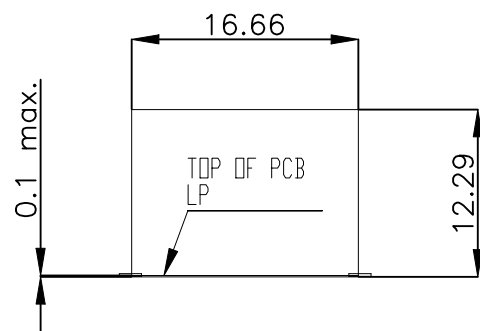


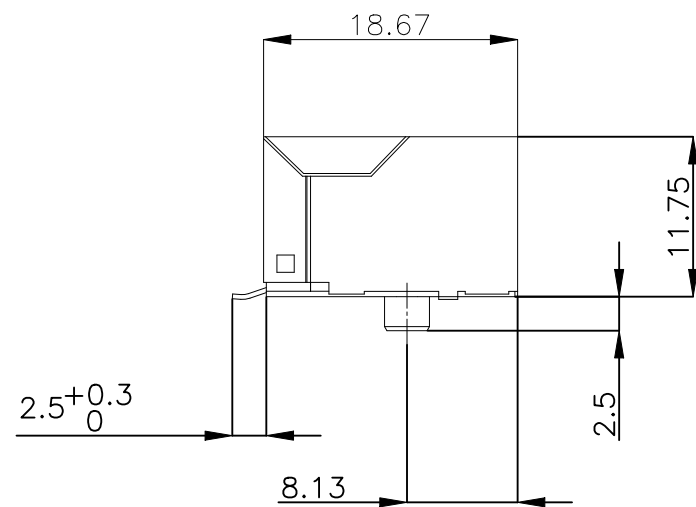
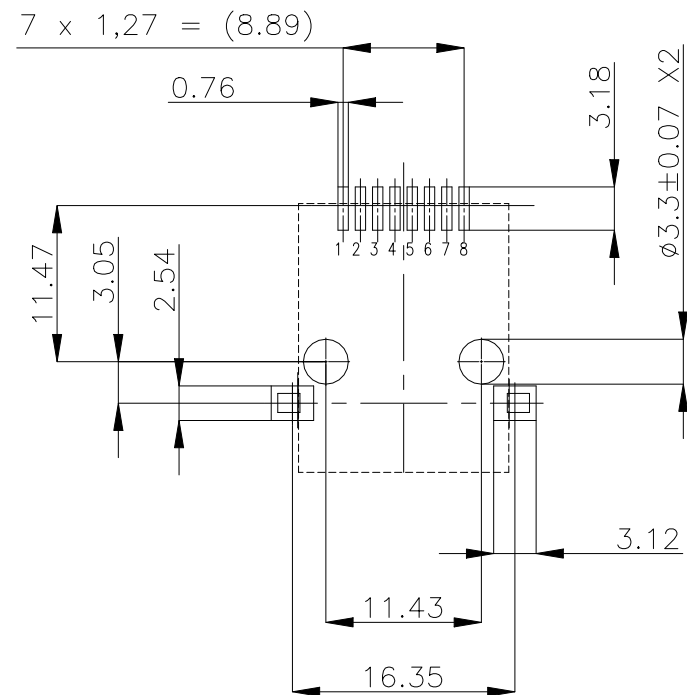
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	20AUG2022	NK	JDB



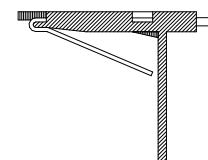
RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)
TOL.±0.05 [0.002] UNLESS NOTED



IMPROVED CONTACT DESIGN
(PRE BEND)



- NOTE 1: WITH PEGS, SMT SIDE SHIELD TABS AND SMT TERMINALS (STP)
NOTE 2: C – UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
NOTE 3: RoHS COMPLIANT

Koplanarität der Anschlüsse ±0,1 mm
coplanarity area of termination ±0,1 mm

PART NO. IDENT. NR.	PACKAGING VERPACKUNG.
133611-E	TRAY (Standard) (SEE PAGE 2 of 2)
203422-E	TAPE & REEL (SEE PAGE 2 of 2) 120 PIECES PER REEL

Technical specifications		Test Data	
Materials & Finish	Standard applic.	Value	Standard applic.
Insulation body	Standard description	PA46 30%	
Contact material	Standard description	CuSn5 (acc. IIS)	
Contact finish, mating zone	Thickness of plating	30 µin Au over 50 µin Ni	
Contact finish termination zone	Thickness of plating	80 µin matte Sn over 50 µin Ni	
Shell/shield material	Standard description	C2680 (acc. IIS)	
Plating shield / shielding pin		50 µin Ni / 80 µin Sn	
Assembly process			
Packaging		see chart	
Solder temperature		260°C at 3-5s	
Suitable assembly process		reflow	
Approvals			
UL Insulation body	UL 94	V0	
UL File No.		E145613	
RoHS compliant		Yes	
Mechanical properties		Value	
Insertion/withd IEC 603-7		max. 20 N	
Mechanical oper. IEC 512-5, 9a		min. 1000	
Effectiveness of connector coupling device IEC 512-8, 15f		50 N	
Electrical properties			
Creepage / clearance distances			
a) Contact - cont. IEC 807-3		0,52 mm	
b) Contact - shell IEC 807-3		min. 1,0 mm	
Voltage proof (Dielectric Withstand Voltage)			
a) Contact - cont. IEC 512-2, 4a		min. 1.000 V AC/DC	
b) Contact - shell IEC 512-2, 4a		min. 1.500 V AC/DC	
Current carrying IEC 512-3, 5b		1,5 A @ 25° C	
Contact resistan IEC 512-2, 2a		max. 30 mOhm	
Insulation resist IEC 512-2, 3a		min. 500 MOhm	
Environmental properties			
Operation temperature		-40° C - +85° C	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N K NIKHIL 20AUG2022	TE Connectivity		
		CHK N MANTIKOU 22AUG2022			
		APVD J DE BRUIJN 22AUG2022	NAME		
DIMENSIONS: mm [INCHES]		PRODUCT SPEC 108-94901	Modular Jack Finale Connector MJLS 8P8C, 1X1, SMT		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		APPLICATION SPEC 114-94805			
MATERIAL		WEIGHT -	SIZE A3	CAGE CODE 00779	DRAWING NO C-203422-E
		FINISH -	RESTRICTED TO -		
CUSTOMER DRAWING			SCALE NTS	SHEET 1 of 2	REV A1

