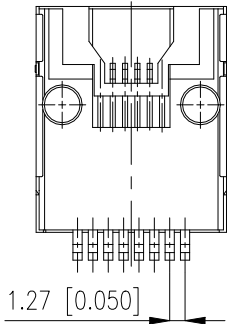
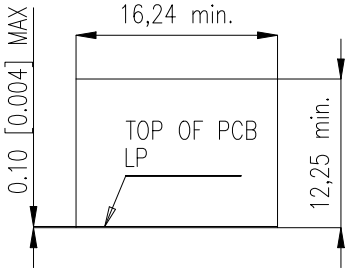


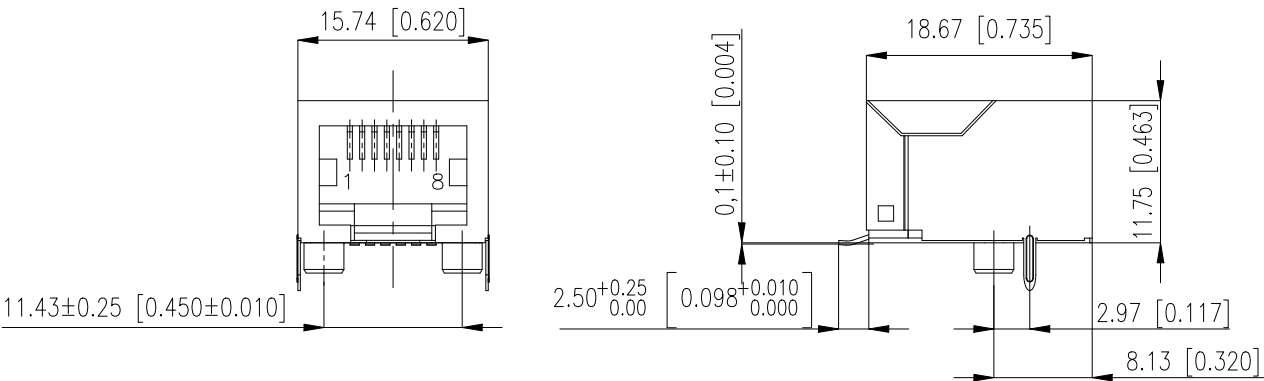
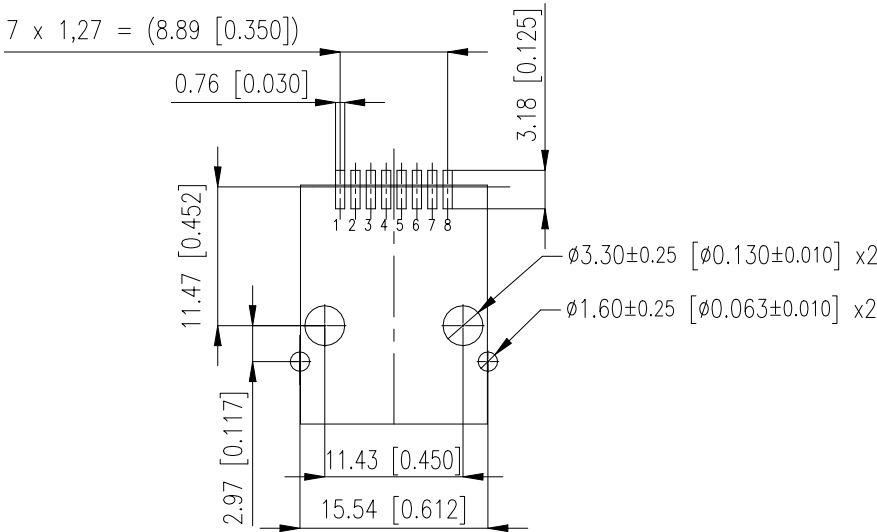
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	21AUG2022	ASB	JDB



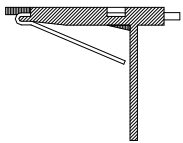
RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT



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, SIDE GROUNDING PINS AND SMT TERMINALS
NOTE 2: RoHS COMPLIANT

Technical specifications

Materials & Finish	Standard applic.	Value	Test Data	Standard applic.	Value
Insulation body	Standard description	PA46 30%	Mechanical properties Insertion/withdrawal force Mechanical operations Effectiveness of connector coupling device	IEC 603-7	max. 20 N
Contact material	Standard description	C521 (acc. IIS)		IEC 512-5,9a	min. 1,000
Contact finish, mating zone	Thickness of plating	30 µin Au over 50 µin Ni		IEC 512-8,15f	50 N
Contact finish termination zone	Thickness of plating	80 µin Sn matt over 50 µin Ni	Electrical properties Creepage / clearance distances a) Contact - contact b) Contact - shell	IEC 512-2,4a	0,52 mm
Shell/shield material	Standard description	C2680 (acc. IIS)		IEC 807-3	min. 1,0 mm
Plating shield / shielding pin		50 µin Ni		IEC 512-2,4a	
Assembly process Packaging Solder temperature Suitable assembly process		see chart	Voltage proof (Dielectric Withstand Voltage) a) Contact - contact b) Contact - shell/testpanel Current carrying capacity	IEC 512-2,4a	min. 1.000 V AC/DC
		260°C at 3-5s		IEC 512-2,4a	min. 1.500 V AC/DC
		reflow		IEC 512-3,5b	1,5 A @ 25° C
Approvals UL insulation body UL File No. RoHS compliant	UL 94	V0	Contact resistance	IEC 512-2,2a	max. 30 mOhm
		E145613	Insulation resistance	IEC 512-2,3a	min. 500 MOhm
		Yes	Environmental properties Operation temperature		0 - 70° C

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B S ADRUSH 18AUG2022	TE Connectivity						
DIMENSIONS: mm [INCHES]		CHK N MANTIKOU 21AUG2022							
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD J DE BRUIJN 21AUG2022	NAME MOD JACK-MJLS 8P8C. 1X1.SMT.CAT 3/4 -						
		PRODUCT SPEC 108-94901							
		MATERIAL -	FINISH -	APPLICATION SPEC 114-94805	SIZE A3	CAGE CODE 00779	DRAWING NO C-203490-E	RESTRICTED TO -	
WEIGHT -			CUSTOMER DRAWING				SCALE NTS	SHEET 1 OF 2	REV A1

