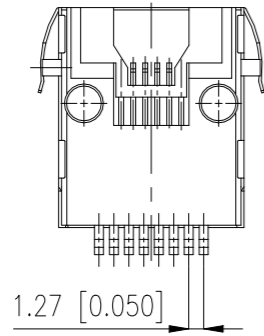
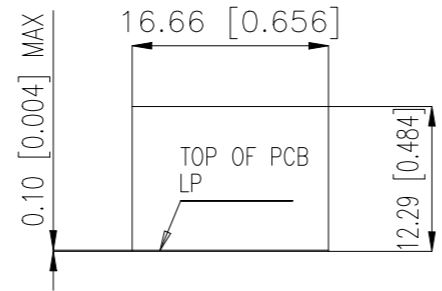


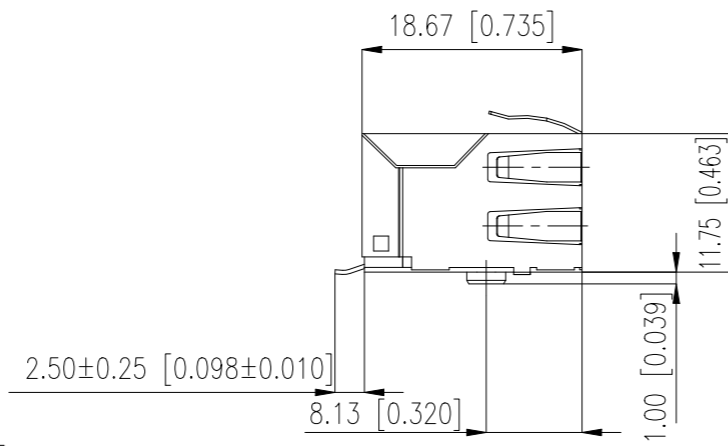
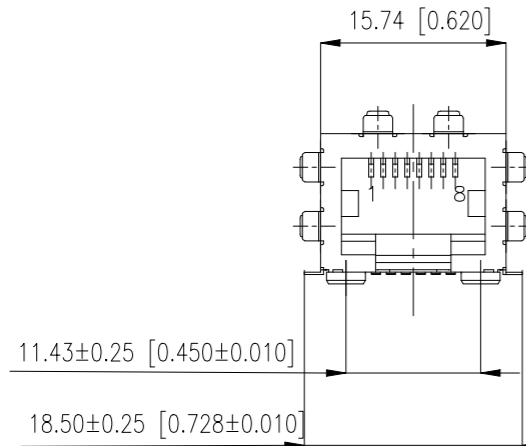
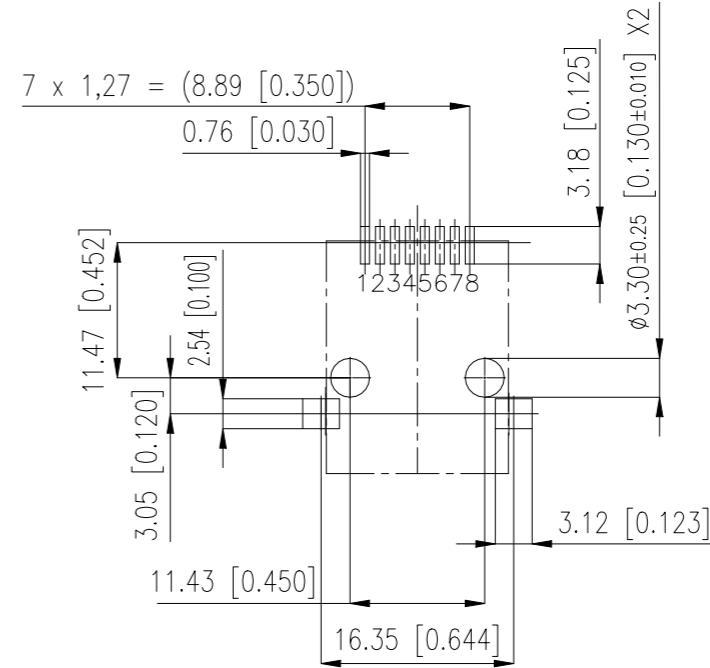
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
	A1	NEW DRAWING	11NOV2022	NK



RECOMMENDED PANEL CUTOUT  
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

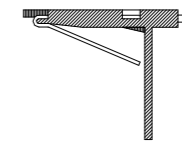


RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)  
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)  
TOL±0.05 [0.002] UNLESS NOTED



- NOTE 1: WITH PEGS, SMT SIDE SHIELD TABS AND SMT TERMINALS (STP)
- NOTE 2: UL APPROVED E145613 AND MEETS FCC REQUIREMENTS
- NOTE 3: PANEL GROUND FLANGES BOTH SIDES AND TOP (GF5)
- NOTE 4: RoHS COMPLIANT

IMPROVED CONTACT DESIGN  
(PRE BEND)



**Technical specifications**

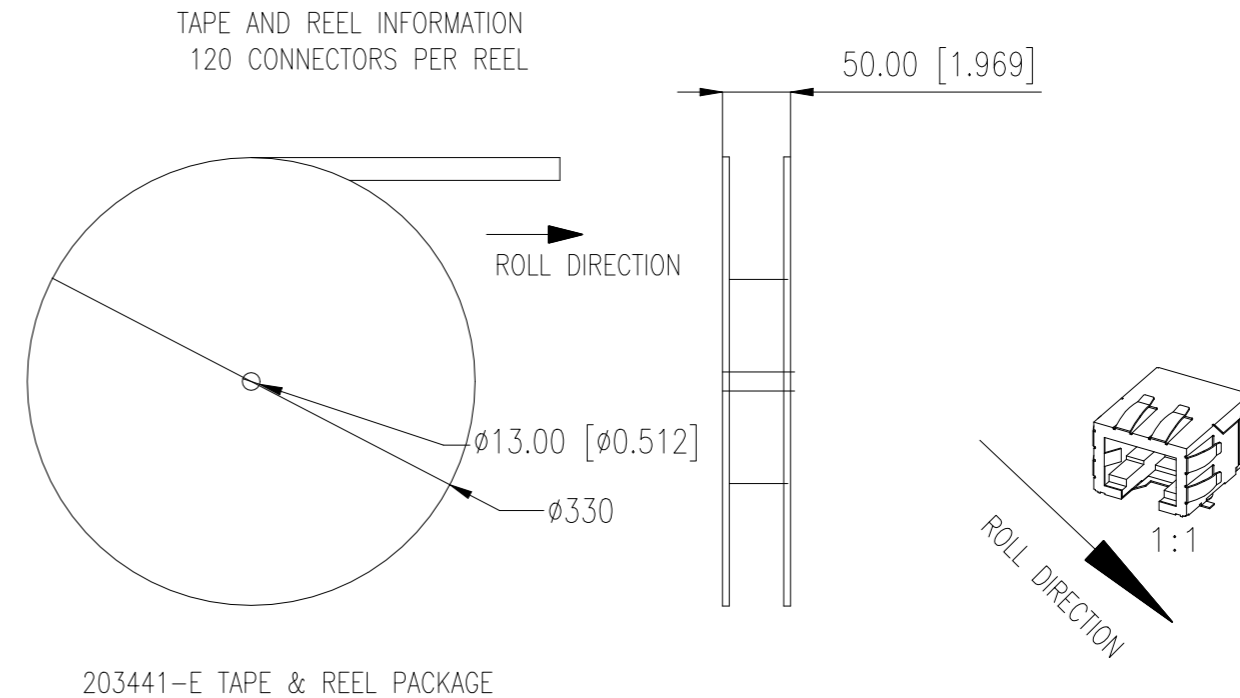
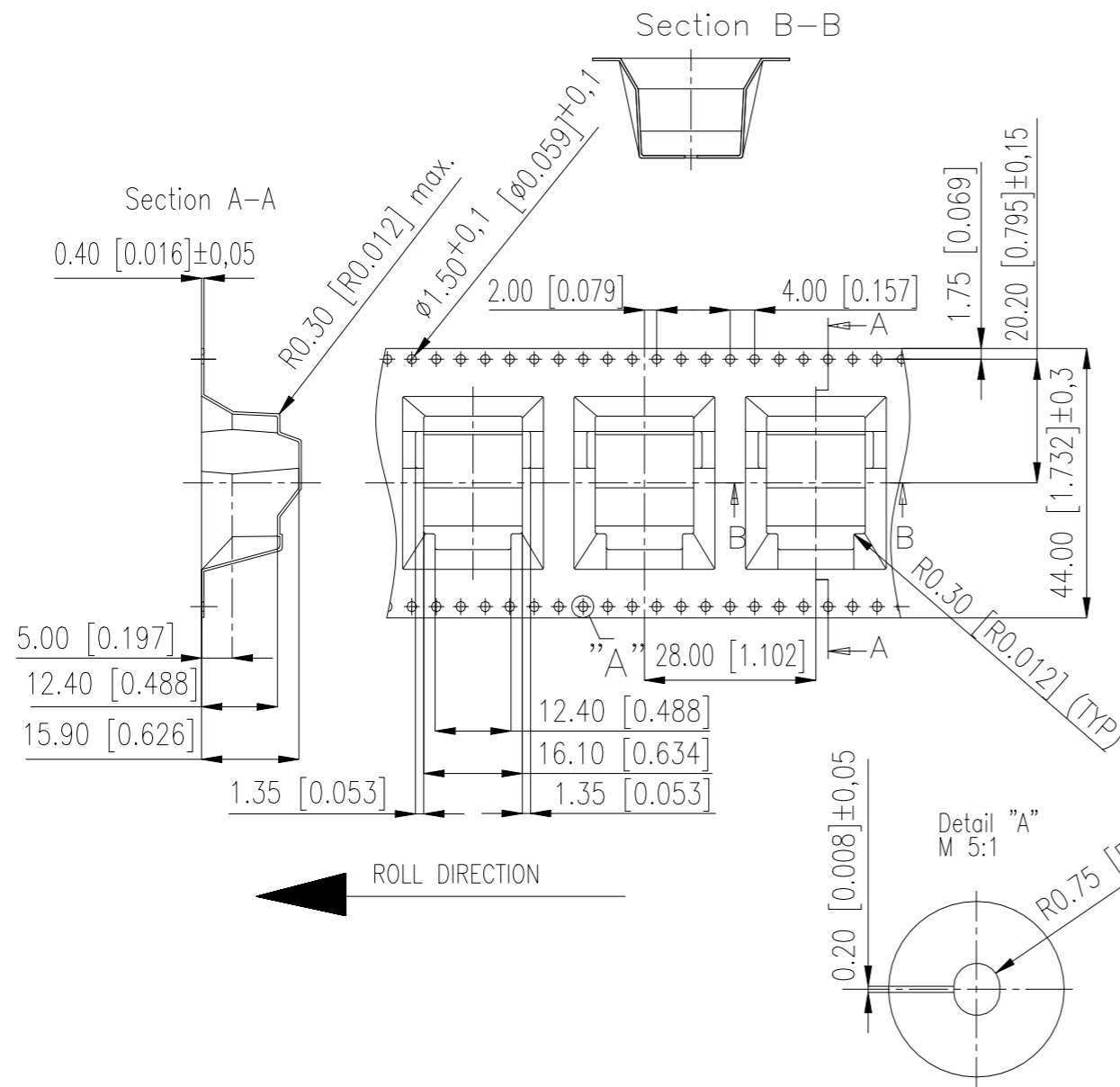
Materials & Finish	Standard applic.	Value	Test Data	Standard applic.	Value
Insulation body	Standard description	PBT 30%	<b>Mechanical properties</b>		
Contact material	Standard description	C5210 (acc. JIS)	Insertion/withdrawal force	IEC 603-7	max. 20 N
Contact finish, mating zone	Thickness of plating	30 µin Au over 50 µin Ni	Mechanical operations	IEC 512-5, 9a	min. 1,000
Contact finish termination zone	Thickness of plating	80 µin matte Sn over 50 µin Ni	Effectiveness of connector coupling device	IEC 512-8, 15f	50 N
Shell/shield material	Standard description	C2680 (acc. JIS)	<b>Electrical properties</b>		
Plating shield / shielding pin		50 µin Ni / 80 µin Sn	<b>Creepage / clearance distances</b>		
			a) Contact - contact	IEC 807-3	0,52 mm
			b) Contact - shell	IEC 807-3	min 1,0 mm
			<b>Voltage proof (Dielectric Withstand Voltage)</b>		
			a) Contact - contact	IEC 512-2, 4a	min. 1.000 V AC/DC
			b) Contact - shell/testpanel	IEC 512-2, 4a	min. 1.500 V AC/DC
			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
			<b>Environmental properties</b>		
			Operation temperature		0 - 70° C

PART NO. IDENT. NR.	PACKING VERPACKUNG
203441-E	TAPE & REEL 120 PIECES PER REEL

THIS DRAWING IS A CONTROLLED DOCUMENT.	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± -
	1 PLC ± -
	2 PLC ± -
	3 PLC ± -
	4 PLC ± -
	ANGLES ± -
MATERIAL	FINISH
-	-

DWN	N K NIKHIL	11NOV2022	TE Connectivity			
CHK	N MANTIKOU	14NOV2022				
APVD	J DE BRUIJN	14NOV2022				
NAME	MOD JACK - MJLS 8P8C, 1X1, SMT					
PRODUCT SPEC	108-94901		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
APPLICATION SPEC	114-94805		A3	00779	C-203441-E	-
WEIGHT	-		SCALE	NTS	SHEET	1 OF 2
CUSTOMER DRAWING			REV	A1		

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



- NOTE 1: 10 SPROCKET HOLE PITCH CUMULATIVE TOLERANCE ±0.2
- NOTE 2: CAMBER NOT TO EXCEED 1 mm IN 100 mm
- NOTE 3: MATERIAL: CLEAR ADVANTEK POLYSTYRENE
- NOTE 4: MEASURED ON A PLANE 0,3 MM ABOVE THE BOTTOM OF THE POCKET
- NOTE 5: MEASURED FROM A PLANE ON THE INSIDE BOTTOM OF THE POCKET TO THE TOP SURFACE OF THE CARRIER
- NOTE 6: POKET POSITION RELATIVE TO SPROCKET HOLE MEASURED AS TRUE POSITION OF POCKET; NOT POCKET HOLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN N K NIKHIL 11NOV2022	TE Connectivity		
		CHK N MANTIKOU 14NOV2022			
DIMENSIONS: mm [INCHES]		APVD J DE BRUIJN	NAME MOD JACK - MJLS 8P8C, 1X1, SMT		
		PRODUCT SPEC 108-94901			
MATERIAL -		APPLICATION SPEC 114-94805	SIZE A3	CAGE CODE 00779	DRAWING NO C-203441-E
FINISH -		WEIGHT -	RESTRICTED TO -		SCALE NTS
CUSTOMER DRAWING			SHEET 2 OF 2		REV A1