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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	NEW DRAWING	11NOV2022	NK	JDB

RECOMMENDED PANEL CUTOUT
EMPFOHLENER FRONTPLATTEN-AUSSCHNITT

1.27 [0.050]

15.74 [0.620]

11.43±0.25 [0.450±0.010]

18.50±0.25 [0.728±0.010]

RECOMMENDED PCB LAYOUT (COMPONENT SIDE VIEW)
EMPFOHLENES LEITERPLATTEN-LAYOUT (BESTUECKUNGSSEITE)

TOL±0.05 [0.002] UNLESS NOTED

7 x 1,27 = (8.89 [0.350])

0.76 [0.030]

11.47 [0.452]

2.54 [0.100]

3.05 [0.120]

11.43 [0.450]

16.35 [0.644]

3.18 [0.125]

3.12 [0.123]

16.35 [0.644]

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
Insulation body	PBT 30%
Contact material	C5210 (acc. JIS)
Contact finish, mating zone	30 µin Au over 50 µin Ni
Contact finish termination zone	80 µin matte Sn over 50 µin Ni
Shell/shield material	C2680 (acc. JIS)
Plating shield / shielding pin	50 µin Ni / 80 µin Sn

Assembly process

Packaging	Tray
Solder temperature	235°C at 3-5s
Suitable assembly process	wave

Approvals

UL insulation body	UL 94	V0
UL File No.		E145613
RoHS compliant		Yes

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	IEC 807-3	0,52 mm
b) Contact - shell	IEC 807-3	min 1,0 mm

Voltage proof (Dielectric Withstand Voltage)		
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

Environmental properties

Operation temperature	0 - 70° C
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PART NO.
IDENT. NR.

203441-E

PACKING
VERPACKUNG

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	± -
FINISH	± -

MATERIAL

-

DWN
N K NIKHIL

11NOV2022

CHK
N MANTIKOU

14NOV2022

APVD
J DE BRUIJN

14NOV2022

PRODUCT SPEC

108-94901

APPLICATION SPEC

114-94805

WEIGHT

-

NAME

MOD JACK - MJLS
8P8C, 1X1, SMT
-

SIZE

A3

CAGE CODE

00779

DRAWING NO

C-203441-E

RESTRICTED TO

-

CUSTOMER DRAWING

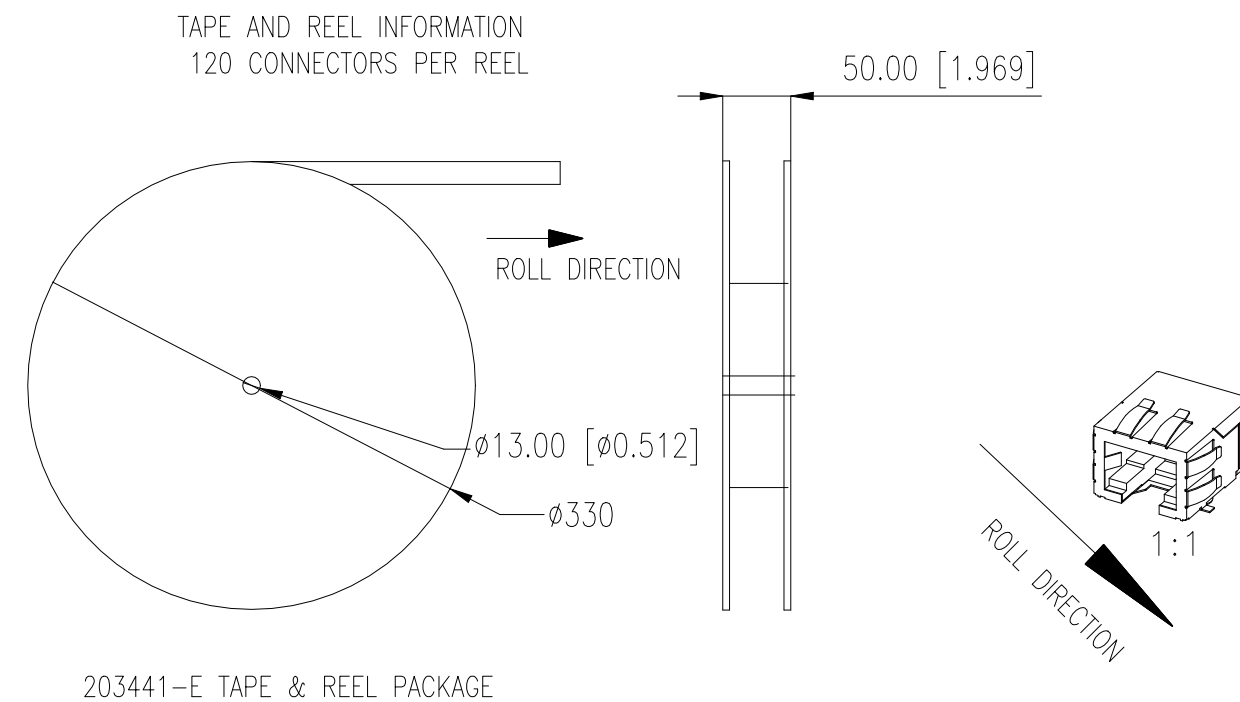
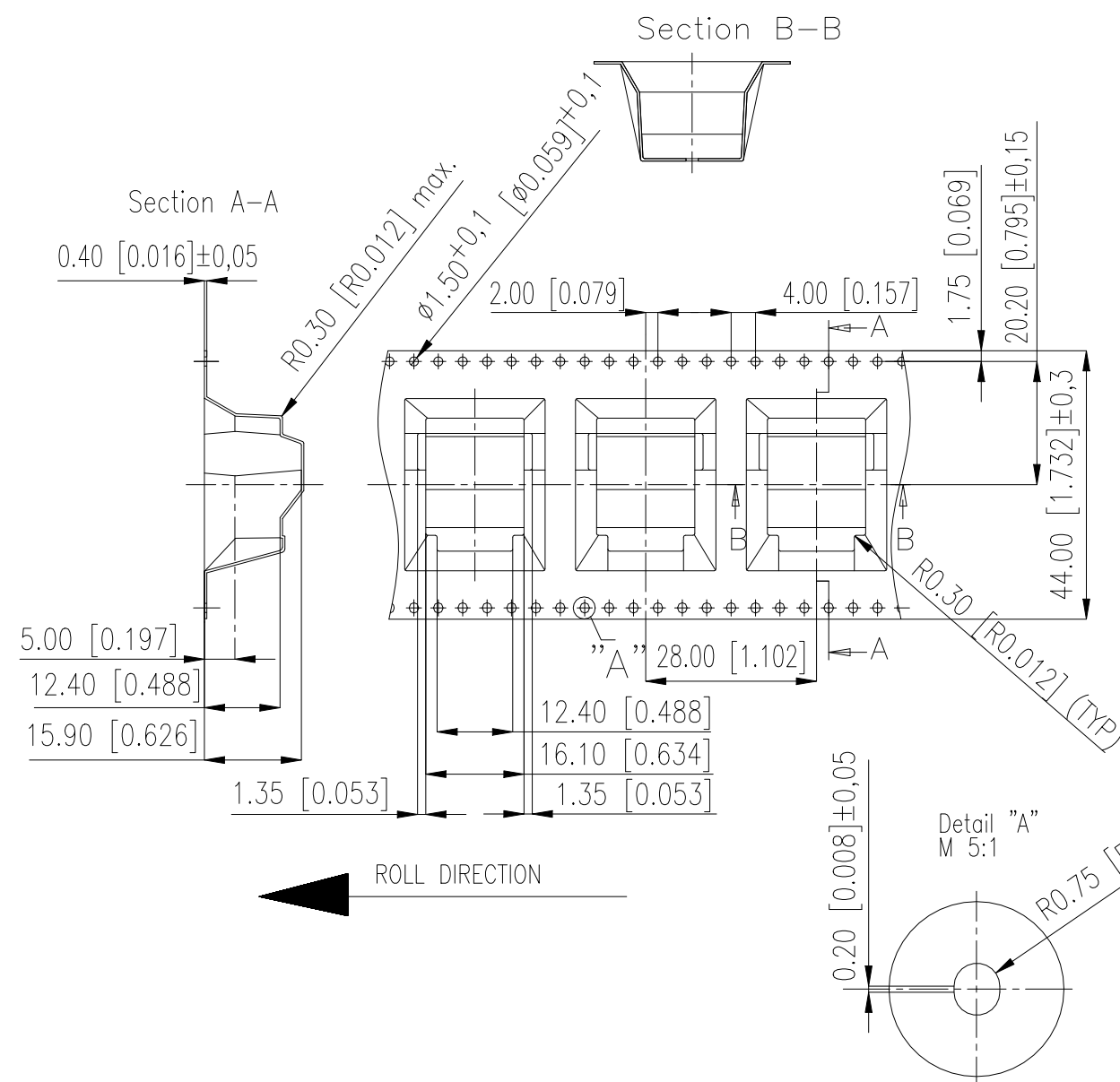
SCALE
NTS

SHEET
1 OF 2

REV
A1

1470-19 (1/15)

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]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		NAME							
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		114–94805		CAGE CODE		DRAWING NO		RESTRICTED TO			
MATERIAL		FINISH		WEIGHT		A300779		C–203441–E			
–		–		–				–			
CUSTOMER DRAWING						SCALE		SHEET		REV	
						NTS		2 OF 2		A1	