
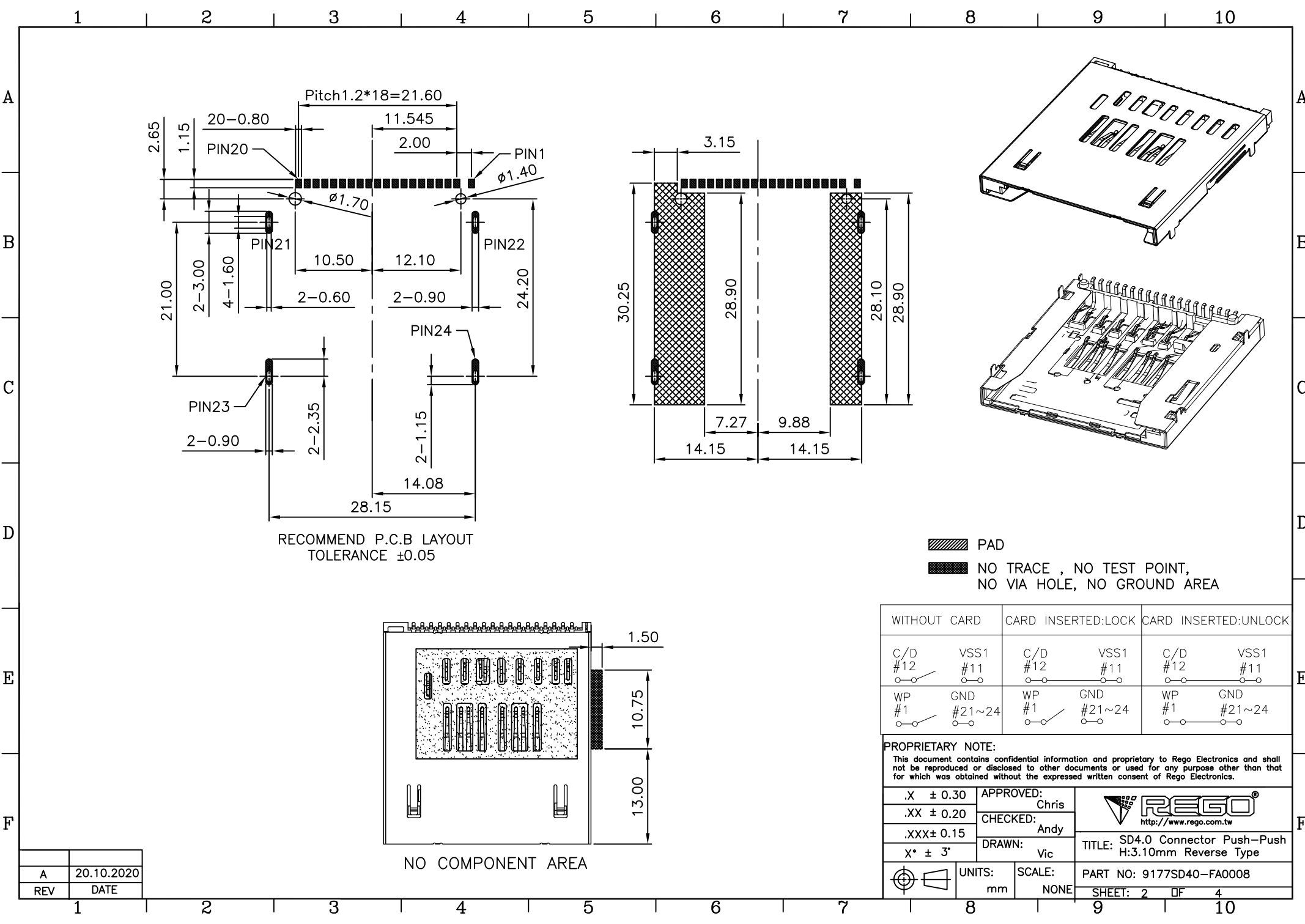


- NOTES :
- MATERIAL :
 - HOUSING:LCP UL94 V-0, BLACK COLOR.
 - SHELL:STAINLESS STEEL.
 - CONTACT:COPPER ALLOY.
 - FINISH :
 - CONTACT: GOLD PLATING ON CONTACT AREA, MATTE TIN 100u"MIN ON SOLDERTAIL AREA. 50u" MIN NICKEL PLATING OVERALL.
 - SHELL: 30U" MIN SOLDERABLE NICKEL PLATED OVER ALL.
 - ELECTRICAL CHARACTERISTICS:
 - OPERATING VOLTAGE : 100V AC(rms)/DC.
 - CURRENT RATING : 0.5 A.
 - OPERATING TEMPERATURE: -25°C~+85°C.
 - CONTACT RESISTANCE: 100 m OHMS MAX.
 - INSULATION RESISTANCE: 1000M OHMS MIN. AT 250VDC.
 - DIELECTRIC WITHSTANDING VOLTAGE:500 VAC/1MINUTE.

PROPRIETARY NOTE:
This document contains confidential information and proprietary to Rego Electronics and shall not be reproduced or disclosed to other documents or used for any purpose other than that for which was obtained without the expressed written consent of Rego Electronics.

.X ± 0.30	APPROVED: Chris	 http://www.rego.com.tw	
.XX ± 0.20	CHECKED: Andy		
.XXX ± 0.15	DRAWN: Vic		
X* ± 3'	UNITS: mm	SCALE: NONE	TITLE: SD4.0 Connector Push-Push H:3.10mm Reverse Type PART NO: 9177SD40-FA0008 SHEET: 1 OF 4

A	20.10.2020
REV	DATE




RECOMMEND P.C.B LAYOUT
TOLERANCE ±0.05

▨ PAD
■ NO TRACE , NO TEST POINT,
NO VIA HOLE, NO GROUND AREA

WITHOUT CARD		CARD INSERTED:LOCK		CARD INSERTED:UNLOCK	
C/D #12	VSS1 #11	C/D #12	VSS1 #11	C/D #12	VSS1 #11
WP #1	GND #21~24	WP #1	GND #21~24	WP #1	GND #21~24

PROPRIETARY NOTE:
This document contains confidential information and proprietary to Rego Electronics and shall not be reproduced or disclosed to other documents or used for any purpose other than that for which was obtained without the expressed written consent of Rego Electronics.

.X ± 0.30	APPROVED: Chris	 http://www.rego.com.tw
.XX ± 0.20	CHECKED: Andy	
.XXX ± 0.15	DRAWN: Vic	
X* ± 3*	UNITS: mm	SCALE: NONE
TITLE: SD4.0 Connector Push-Push H:3.10mm Reverse Type		PART NO: 9177SD40-FA0008
SHEET: 2 OF 4		



A	20.10.2020
REV	DATE

NO COMPONENT AREA

Pin Define

Connector PinNo.	Specifications SD4.0 PinNo.	Specifications MMC PinNo.	SD Mode			UHS-II Mode			MMC		
			Name	Type	Description	Name	Type	Description	Name	Type	Description
P1			WP			WP					
P2	P8		DAT1	I/O/PP	Data Line[Bit 1]	RCLK-	I				
P3	P7	P7	DAT0	I/O/PP	Data Line[Bit 0]	RCLK+	I		DAT	I/O/PP	Data
P4	P17		—		Not Used(Connected to ground)	VSS5	S	Supply voltage ground			
P5	P6	P6	VSS2	S	Supply voltage ground	VSS2	S	Supply voltage ground	VSS	S	Supply voltage ground
P6	P16		—		Not Used	D1+	LVDS				
P7	P5	P5	CLK	I	Clock	—		Not Used	CLK	I	Clock
P8	P15		—		Not Used	D1-	LVDS				
P9	P4	P4	VDD	S	Supply voltage	VDD1	S	Supply voltage(3.3V)	VDD	S	Supply voltage
P10	P14		—		Not Used	VDD2	S	Supply voltage(1.8V)			
P11	P3	P3	VSS1	S	Supply voltage ground	VSS1	S	Supply voltage ground	VSS	S	Supply voltage ground
P12			CD			CD					
P13	P13		—		Not Used(Connected to ground)	VSS4	S	Supply voltage ground			
P14	P2	P2	CMD	PP	Command/Response	—		Not Used	CMD	I/O/PP/OD	Command/Reserved
P15	P12		—		Not Used	D0-	LVDS				
P16	P1	P1	CD/DAT3	I/O/PP	Card Detect/ Data Line[Bit 3]	—		Not Used	RSV	NC	Reserved for future use
P17	P11		—		Not Used	D0+	LVDS				
P18	P9		DAT2	I/O/PP	Data Line[Bit 2]	—					
P19	P10		—		Not Used(Connected to ground)	VSS3	S	Supply voltage ground			
P20			GND			GND			GND		
P21			GND			GND			GND		
P22			GND			GND			GND		
P23			GND			GND			GND		
P24			GND			GND			GND		

PROPRIETARY NOTE:
 This document contains confidential information and proprietary to Rego Electronics and shall not be reproduced or disclosed to other documents or used for any purpose other than that for which was obtained without the expressed written consent of Rego Electronics.

.X ± 0.30	APPROVED: Chris	 http://www.rego.com.tw
.XX ± 0.20	CHECKED: Andy	
.XXX ± 0.15	DRAWN: Vic	
X* ± 3'		
	UNITS: mm	SCALE: NONE
PART NO: 9177SD40-FA0008		SHEET: 3 OF 4

A	20.10.2020
REV	DATE

1 2 3 4 5 6 7 8 9 10

A

B

C

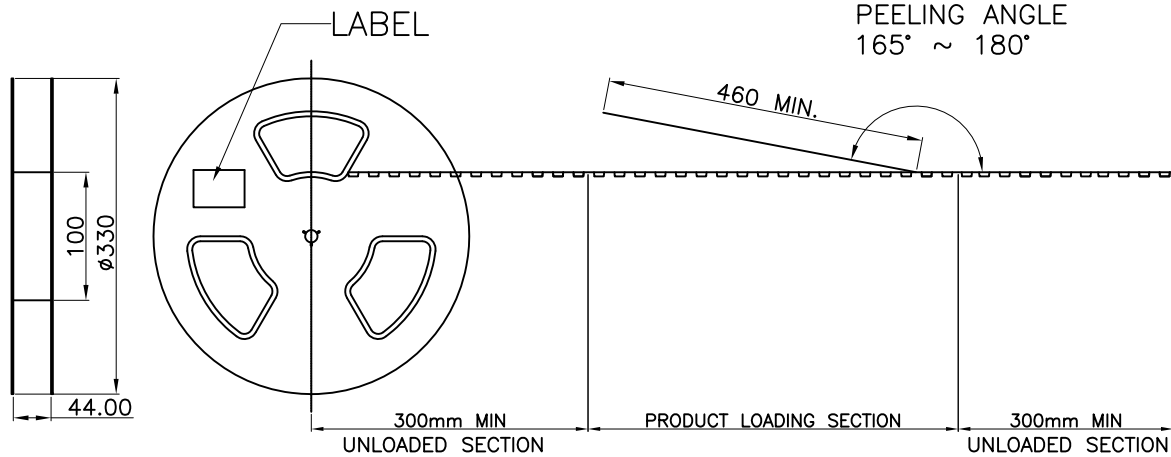
D

E

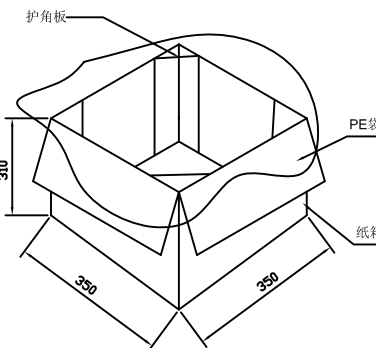
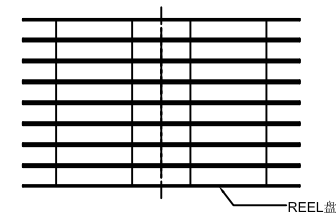
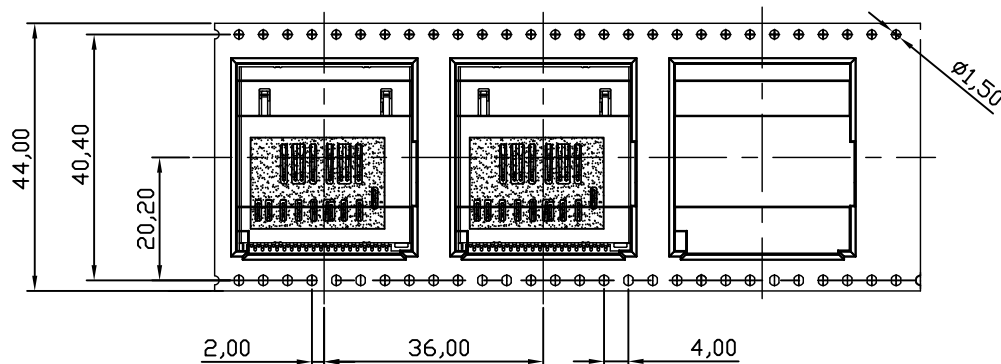
F

NOTES :

1. MATERIAL :
 COVER TAPE : P.S
 CARRIER TAPE : P.S
 REEL : PS UL94V-0
 CARTON: CORRUGATED FIBER
2. DIMENSION :
 REEL : SEE DRAWING
 SHIPPING BOX: 350X350X310mm
3. QUANTITY : SEE TABLE
4. PEELING RESISTANCE : 10gf~130gf (for 12~56mm)
5. PEELING SPEED : 300mm/MINUTES




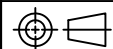
PULL OUT DIRECTION



300	6	1800
PCS/REEL	REEL/BOX	TOTAL Q' TY

PROPRIETARY NOTE:

This document contains confidential information and proprietary to Rego Electronics and shall not be reproduced or disclosed to other documents or used for any purpose other than that for which was obtained without the expressed written consent of Rego Electronics.

.X ± 0.30	APPROVED: Chris	 http://www.rego.com.tw	
.XX ± 0.20	CHECKED: Andy		
.XXX ± 0.15	DRAWN: Vic		
X* ± 3'		TITLE: SD4.0 Connector Push-Push H:3.10mm Reverse Type	
	UNITS: mm	SCALE: NONE	PART NO: 9177SD40-FA0008
			SHEET: 4 OF 4

A	20.10.2020
REV	DATE

1 2 3 4 5 6 7 8 9 10