

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECR-16-006365	01JUN16	DZ	SL

NOTES:

1. MATERIAL:
HOUSING: LCP WITH 30% GF, UL94 V-0, BLACK COLOR.
CONTACTS: PHOSPHOR BRONZE.
PEGS: BRASS.
2. FINISH:
CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA, GOLD FLASH ON SOLDER AREA, WITH ENTIRE CONTACT UNDERPLATED 1.27μm [50μ"] MIN. NICKEL.
PEGS: 3.048μm [120μ"] MIN. MATTE-TIN OVER 1.27μm [50μ"] MIN. NICKEL.
3. REFLOW SOLDER CAPABLE TO 260° PER TE TEST SPEC. 109-201, CONDITION B.

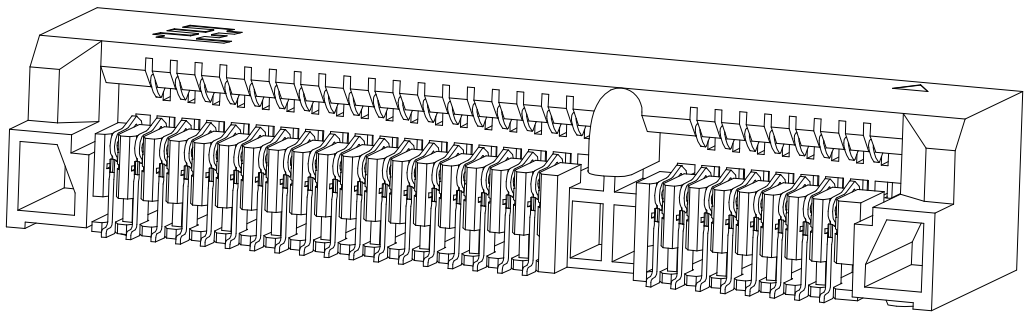
PCI-E MINI CARD CONNECTOR
SIGNAL ASSIGNMENTS

PIN#	NAME	PIN#	NAME
51	Reserved	52	+3.3Vaux
49	Reserved	50	GND
47	Reserved	48	+1.5V
45	Reserved	46	LED_WPAN#
43	GND	44	LED_WLAN#
41	+3.3Vaux	42	LED_WWAN#
39	+3.3Vaux	40	GND
37	GND	38	USB_D+
35	GND	36	USB_D-
33	PETp0	34	GND
31	PETn0	32	SMB_DATA
29	GND	30	SMB_CLK
27	GND	28	+1.5V
25	PERp0	26	GND
23	PERn0	24	+3.3Vaux
21	GND	22	PERST#
19	Reserved* (UIM_C4)	20	W_DISABLE#
17	Reserved* (UIM_C8)	18	GND
MECHANICAL KEY			
15	GND	16	UIM_VPP
13	REFCLK+	14	UIM_RESET
11	REFCLK-	12	UIM_CLK
9	GND	10	UIM_DATA
7	CLKREQ#	8	UIM_PWR
5	COEX2	6	1.5V
3	COEX1	4	GND
1	WAKE#	2	3.3Vaux

* Reserved for future UIM interface (if needed)

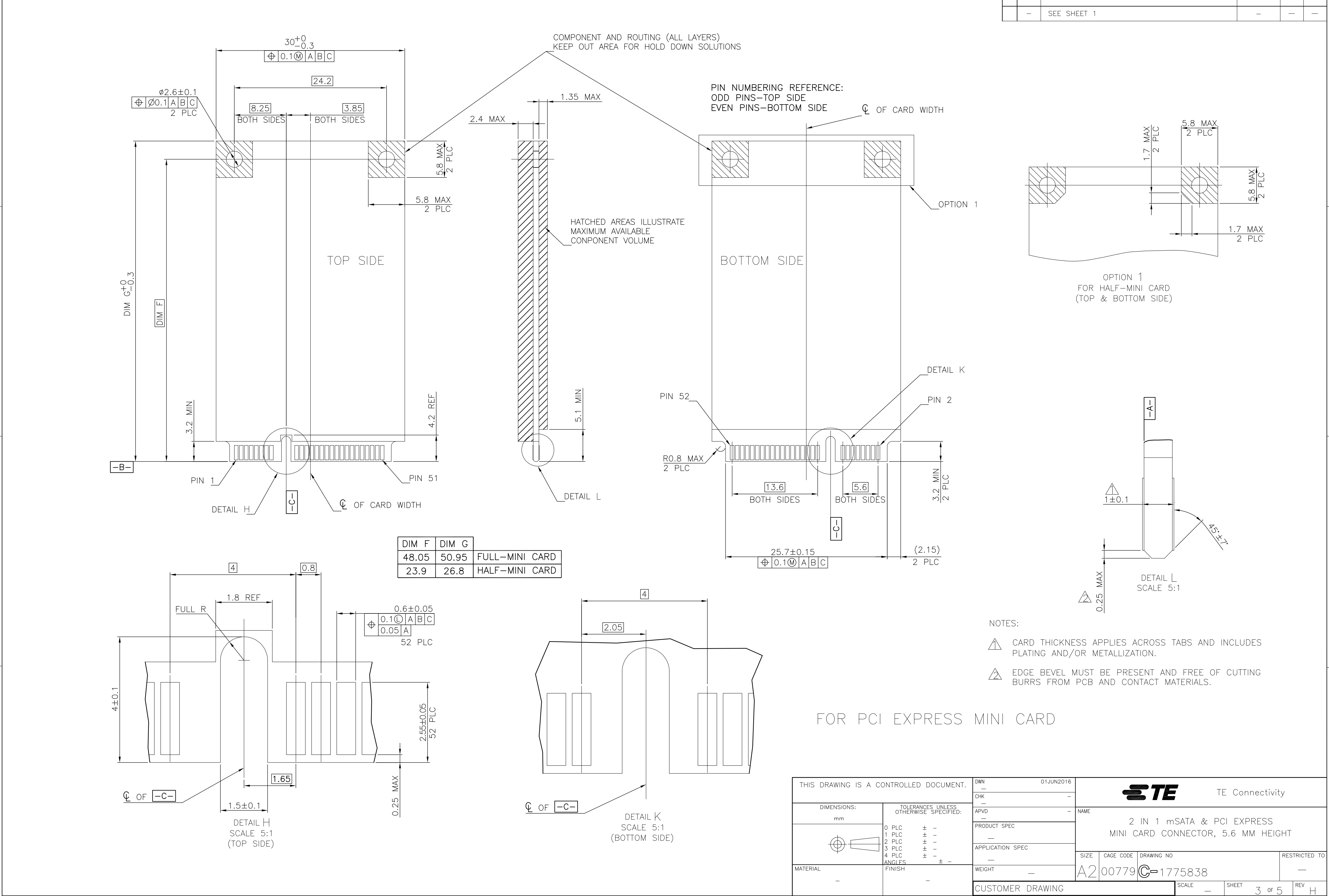
mSATA CONNECTOR
SIGNAL ASSIGNMENTS

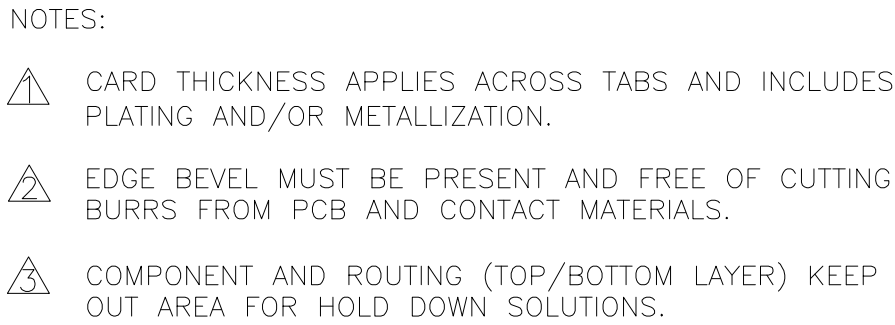
PIN#	NAME	PIN#	NAME
51	Presence Detection	52	+3.3V
49	DA/DSS	50	GND
47	Vendor	48	+1.5V
45	Vendor	46	Reserved
43	No Connect	44	Reserved
41	+3.3V	42	Reserved
39	+3.3V	40	GND
37	GND	38	Reserved
35	GND	36	Reserved
33	+A	34	GND
31	-A	32	Two Wire Interface
29	GND	30	Two Wire Interface
27	GND	28	+1.5V
25	-B	26	GND
23	+B	24	+3.3V
21	GND	22	Reserved
19	Reserved	20	Reserved
17	Reserved	18	GND
MECHANICAL KEY			
15	GND	16	Reserved
13	Reserved	14	Reserved
11	Reserved	12	Reserved
9	GND	10	Reserved
7	Reserved	8	Reserved
5	Reserved	6	+1.5V
3	Reserved	4	GND
1	Reserved	2	+3.3V



OBSOLETE	TYPE II	0.254μm [10μ"]	-1775838-3-
	TYPE I	GOLD FLASH	1775838-2
OBSOLETE		0.254μm [10μ"]	-1775838-1-
	PACKING TYPE	MIN. GOLD THICKNESS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. WU	25SEP2009	TE Connectivity			
DIMENSIONS: mm		CHK S. CHIEN	25SEP2009				
		APVD W. KODAMA	25SEP2009	NAME			
		PRODUCT SPEC 108-99102		2 IN 1 mSATA & PCI EXPRESS MINI CARD CONNECTOR, 5.6 MM HEIGHT			
MATERIAL		FINISH		SIZE A2	CAGE CODE 00779	DRAWING NO C=1775838	RESTRICTED TO -
				WEIGHT 1.172 GRAMS		SCALE -	SHEET 1 of 5
				CUSTOMER DRAWING		REV H	





FOR mSATA

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN — CHK — APVD — PRODUCT SPEC — APPLICATION SPEC — WEIGHT —		01JUN2016 — — — — — — — — —		 TE Connectivity					
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME		2 IN 1 mSATA & PCI EXPRESS MINI CARD CONNECTOR, 5.6 MM HEIGHT					
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
MATERIAL —		FINISH —		A2		00779		C=1775838		—	
CUSTOMER DRAWING						SCALE —		SHEET 4 of 5		REV H	

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

D

C

B

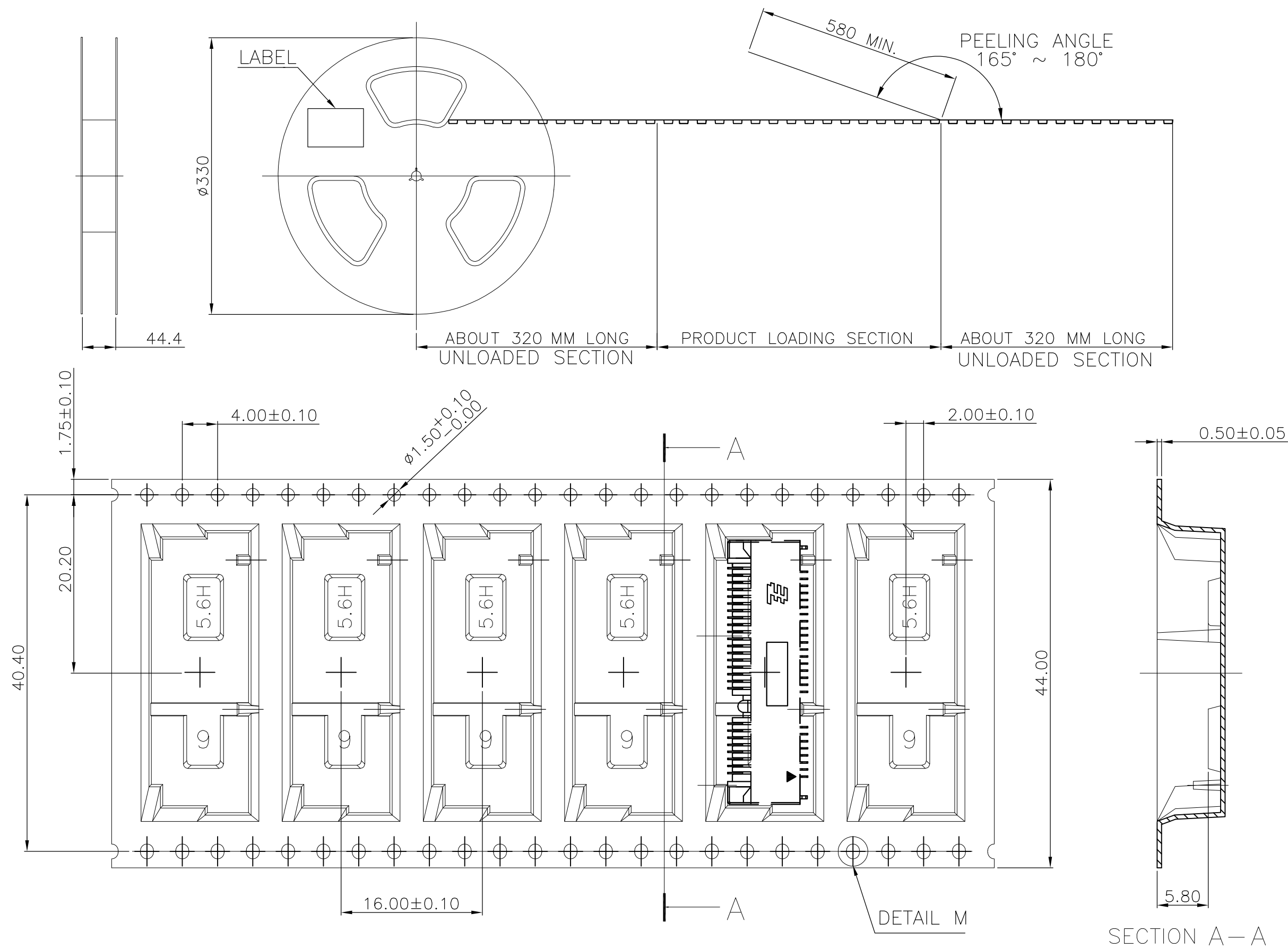
A

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C

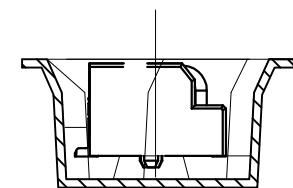
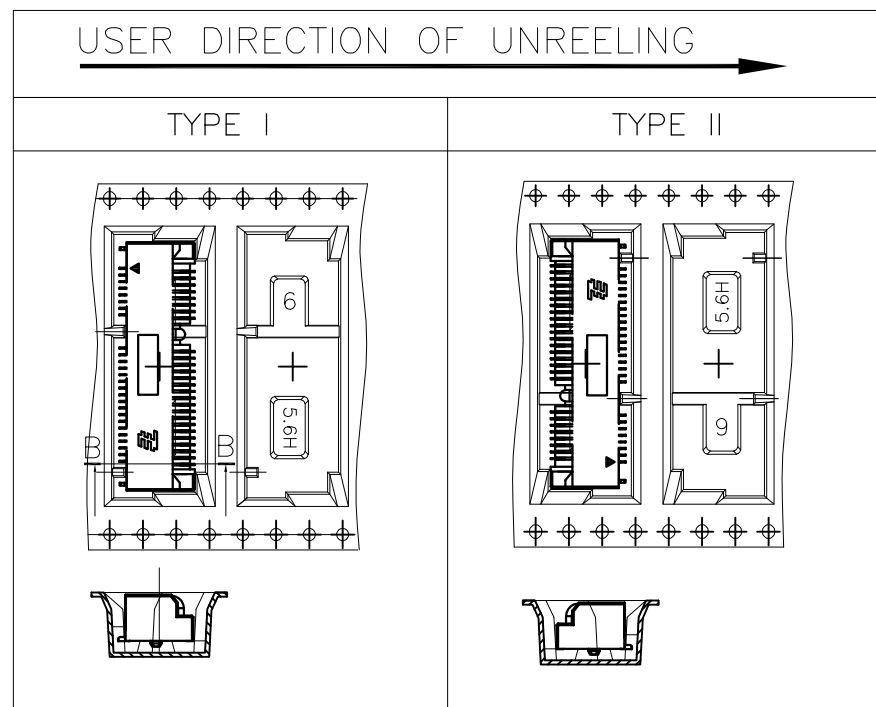
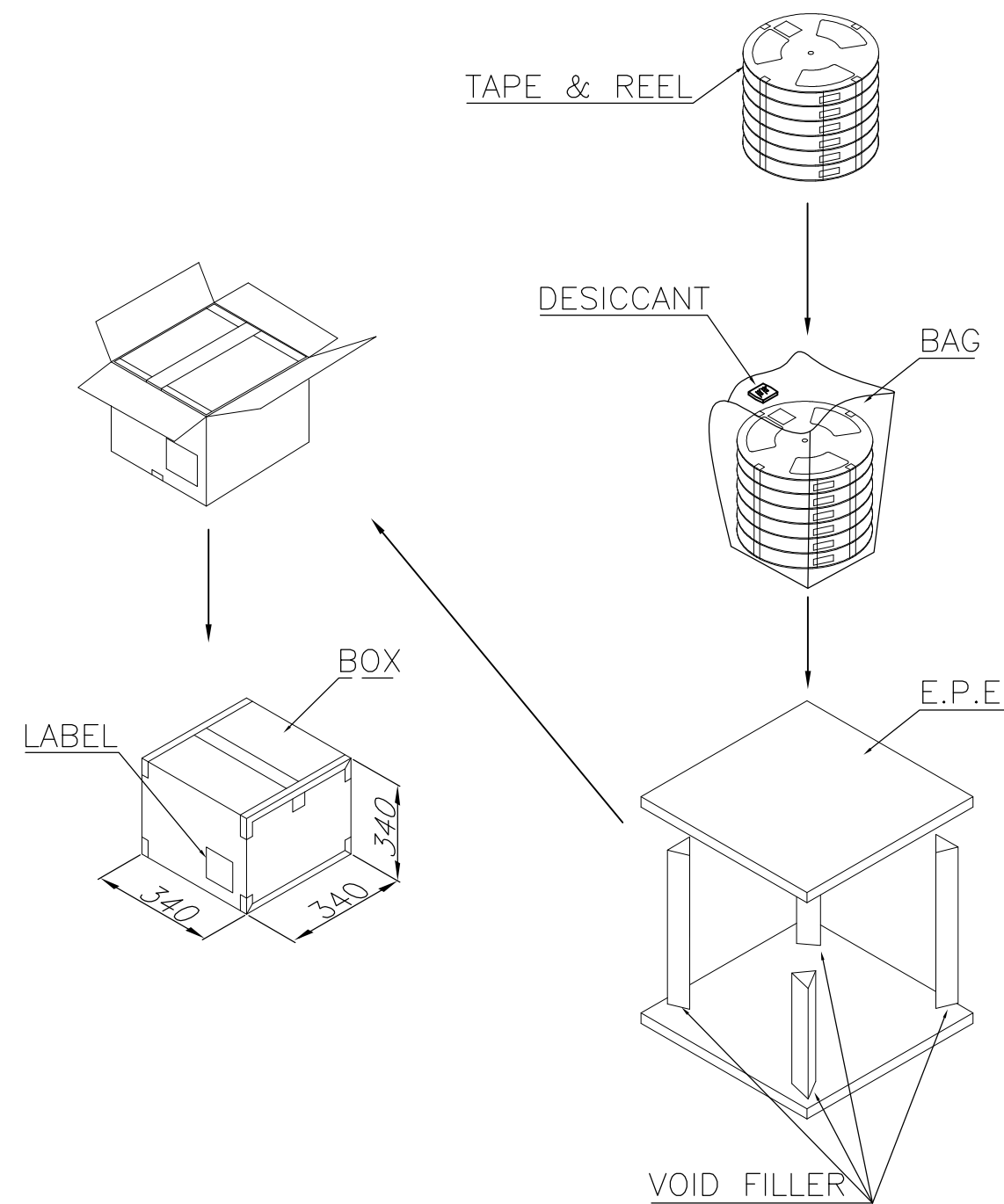
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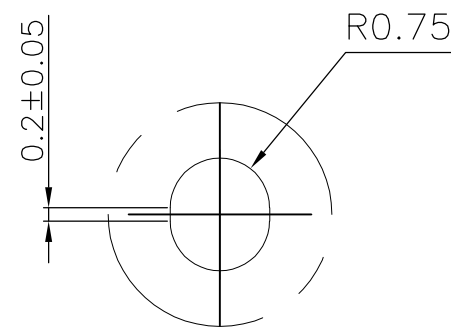


NOTES:

- MATERIAL:
BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL.
COVER TAPE: POLYSTYRENES, TRANSPARENT COLOR.
CARRIER TAPE: POLYSTYRENES, TRANSPARENT COLOR.
REEL: HIPS, BLUE COLOR.
BAG: POLYETHYLENES, TRANSPARENT COLOR.
- EACH BAG SHALL BE INCLUDED DESICCANT.
- PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS).
- PEELING SPEED: 300 mm/min.



SECTION B-B



DETAIL M
SCALE 4:1

SECTION A-A

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	01JUN2016	TE Connectivity	
		CHK	-		
		APVD	-	NAME	
		PRODUCT SPEC	-		
		APPLICATION SPEC	-	SIZE	
		WEIGHT	-		
		CUSTOMER DRAWING	-	SCALE	
				SHEET	
				REV	