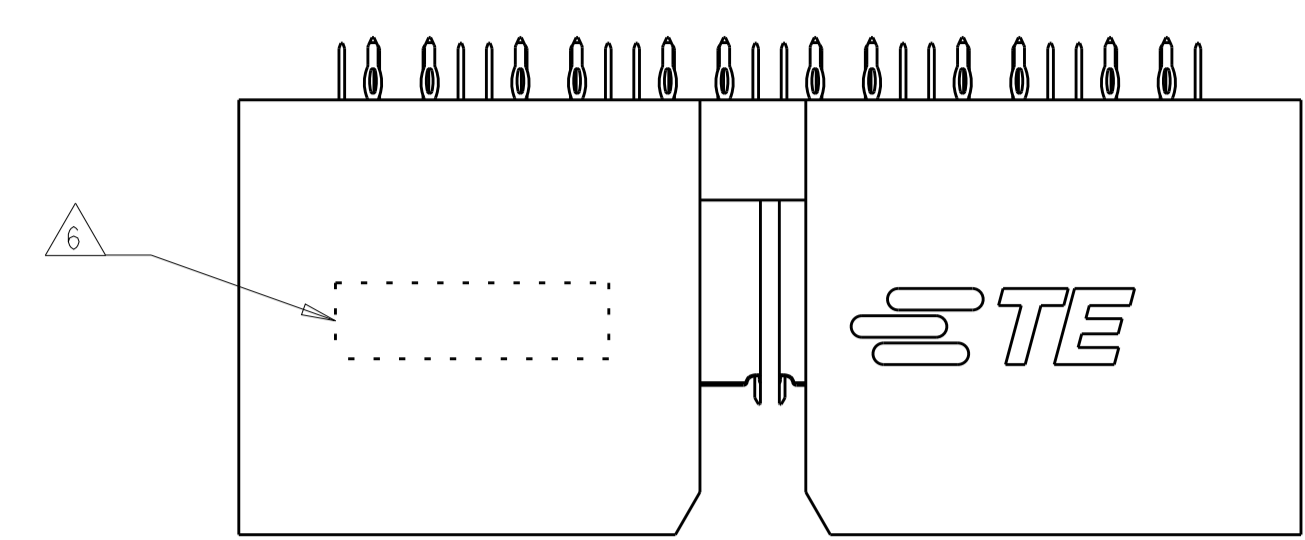
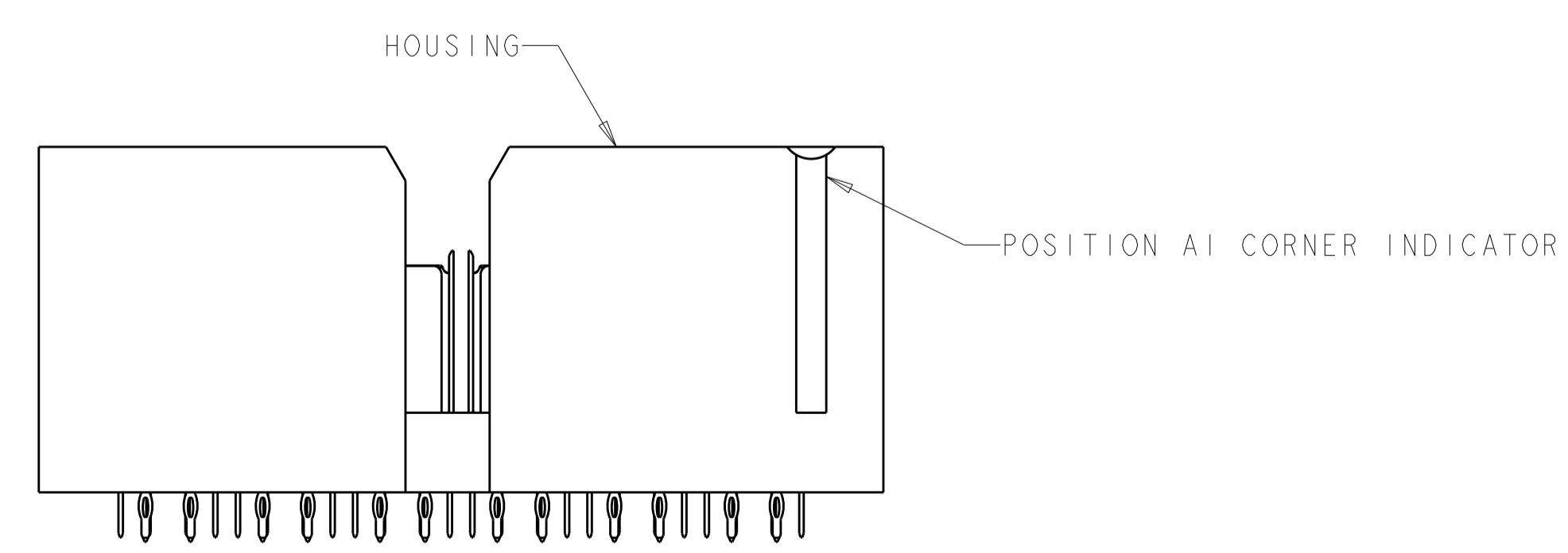
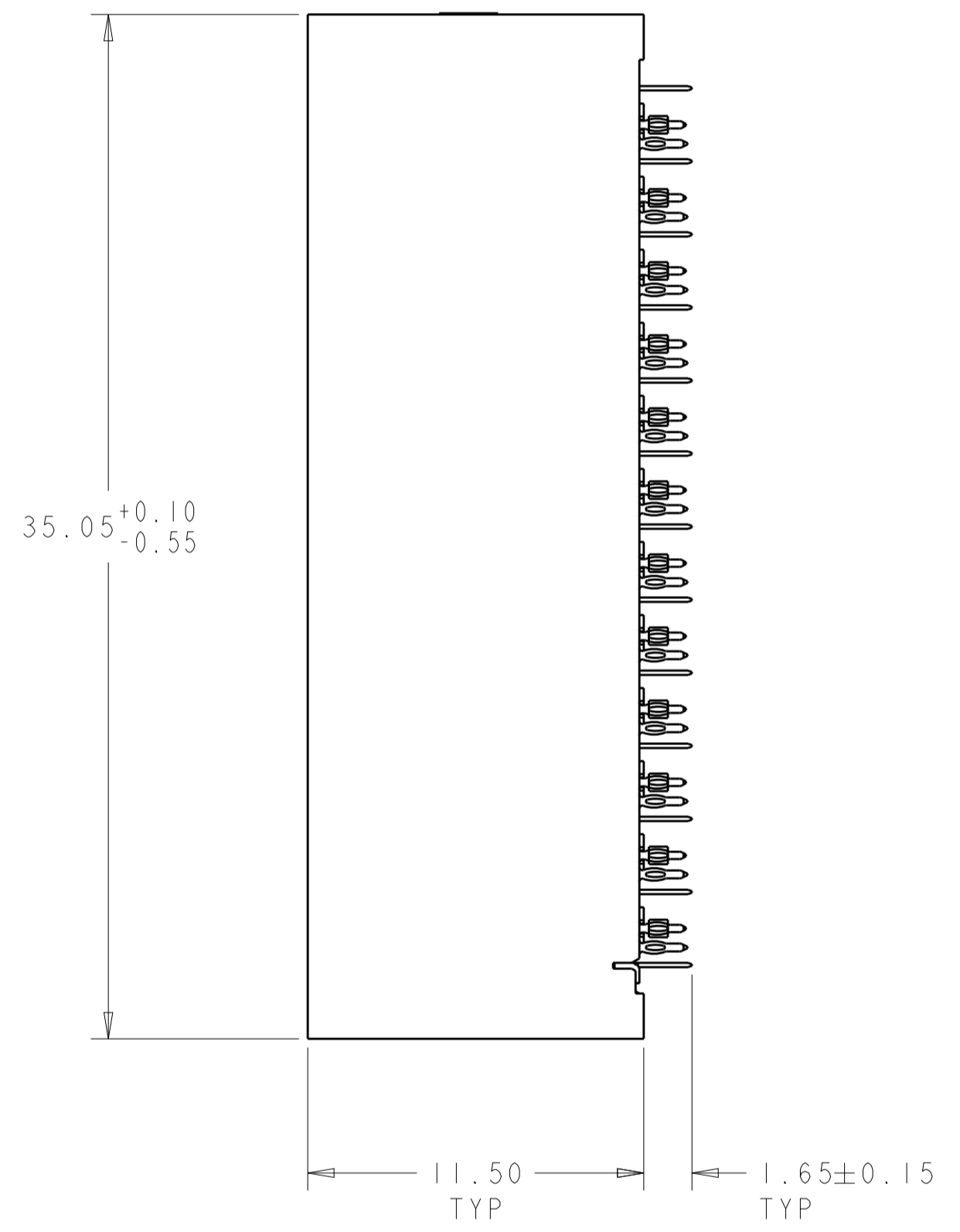
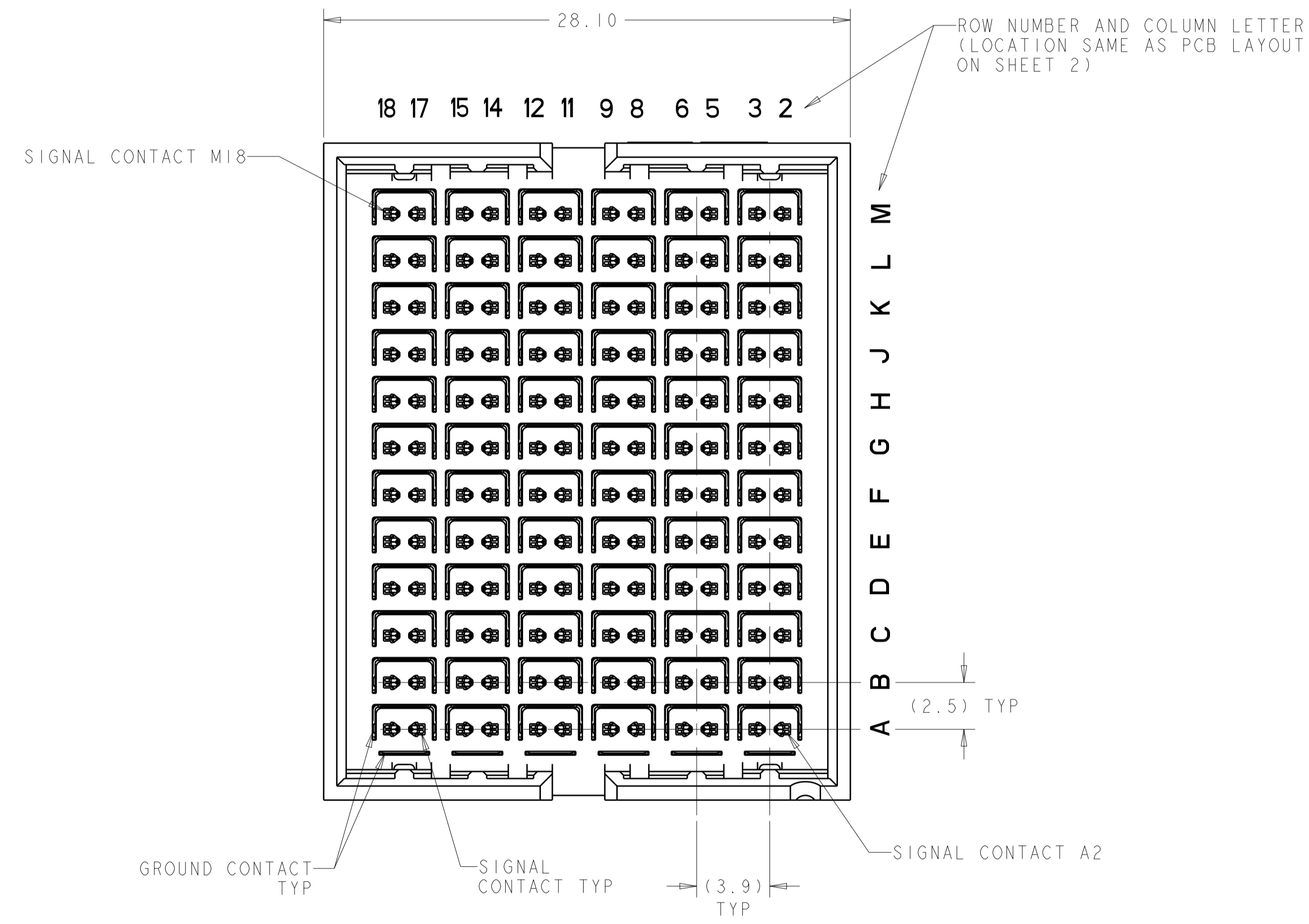


LOC	DIST	REVISIONS					
		P	LTN	DESCRIPTION	DATE	DMN	APVD
GP	00	A		RELEASED	09MAY2016	Y.K	D.T
		B		REVISED PER ECO-17-013331	12SEP2017	JM	DT



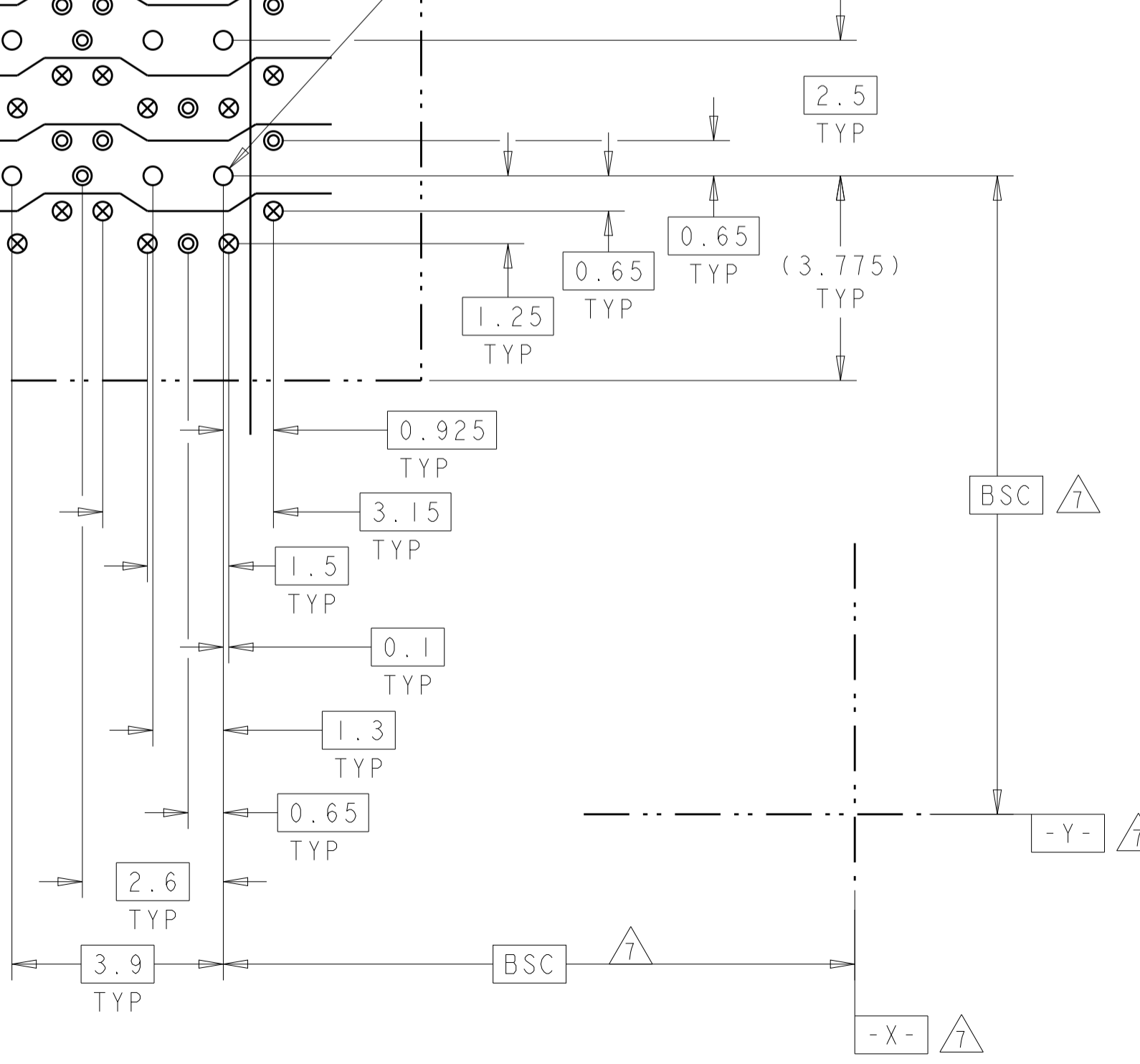
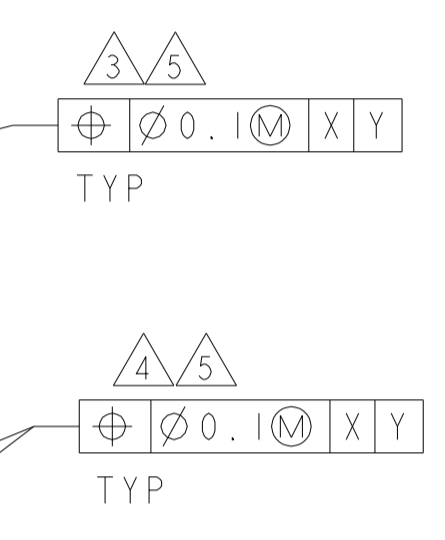
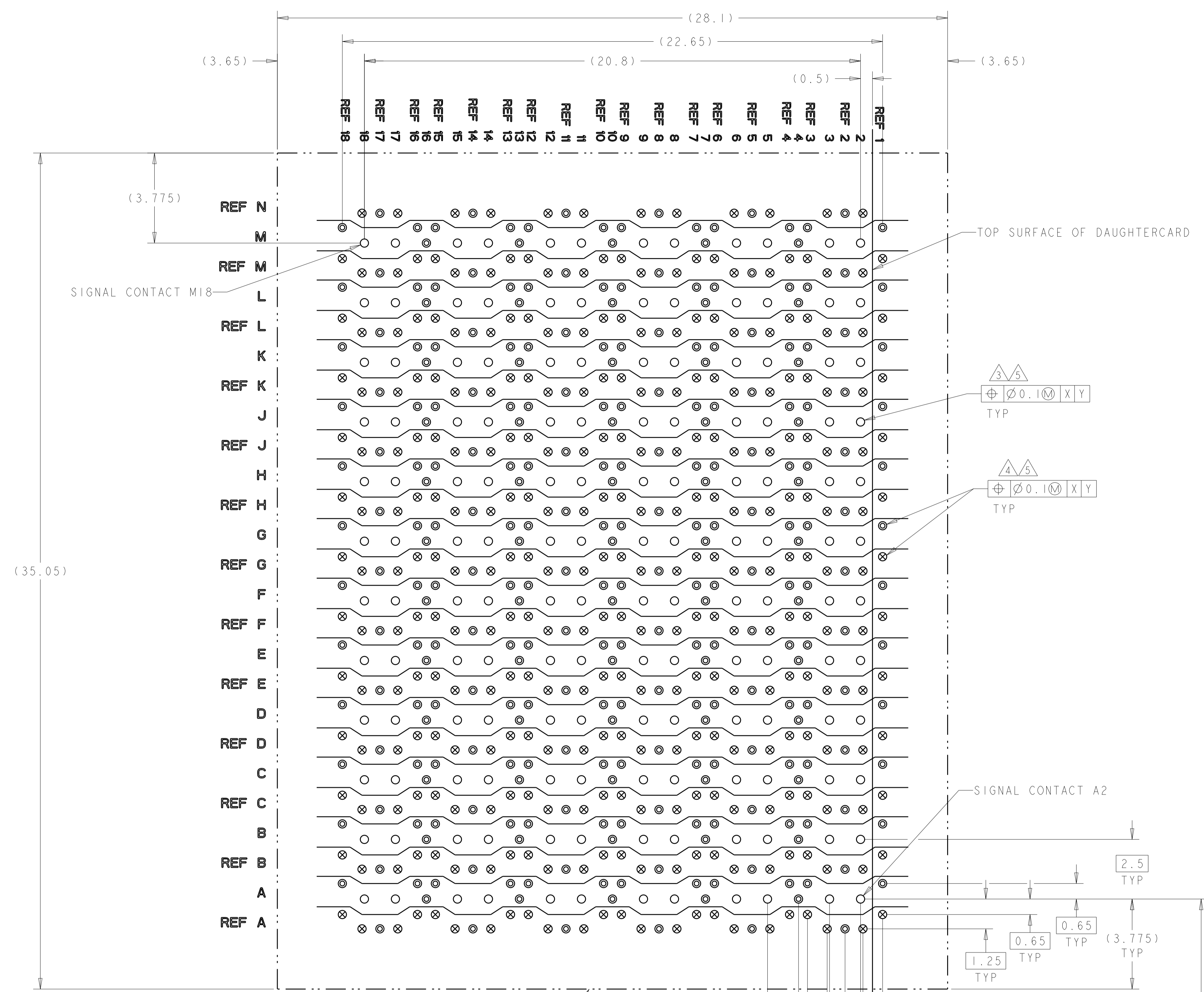
- 1 HOUSING: THERMOPLASTIC, UL 94V-0, BLACK.
CONTACTS: COPPER ALLOY.
- 2 CONFORMS TO REQUIREMENTS OF TE PRODUCT SPECIFICATION 108-32021 BASED ON TELCORDIA GR-1217-CORE FOR SYSTEM QUALITY LEVEL III APPLICATIONS IN CONTROLLED ENVIRONMENTS (CENTRAL OFFICE).
- 3 PLATED THRU HOLE REQUIREMENTS - SIGNAL:
FINISHED HOLE = $\varnothing 0.34 \pm 0.05$
DRILLED HOLE = $\varnothing 0.420 \pm 0.025$
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = (0.00095)
- 4 PLATED THRU HOLE REQUIREMENTS - GROUND AND SI VIA:
FINISHED HOLE = $\varnothing 0.37 \pm 0.05$
DRILLED HOLE = $\varnothing 0.450 \pm 0.025$
COPPER THICKNESS = 0.025 MIN
IMMERSION TIN IF APPLICABLE = (0.00095)
- 5 PLATED THRU HOLE DIMENSIONS APPLY TO 1.25 DEPTH FROM MOUNT SIDE OF BOARD.
- 6 CONNECTOR MARKED WITH PART NUMBER, DATE CODE, AND "100 OHM" IN APPROXIMATE AREA SHOWN.
- 7 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.



TIN	2198200-1
PRESS-FIT TAIL PLATING	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DMN Y. KODAIRA 09MAY2016	TE Connectivity
DIMENSIONS: mm		CHK D. TROUT 09MAY2016	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. TROUT 09MAY2016	NAME HEADER ASSEMBLY, 6 PAIR 12 COLUMN, 100 OHM P/C, STRADA WHISPER
0 PLC ±	1 PLC ±0.10	PRODUCT SPEC	SIZE A100779C=2198200
2 PLC ±	3 PLC ±	APPLICATION SPEC	RESTRICTED TO
4 PLC ±	ANGLES ±	114-32029	SCALE 5:1 SHEET 1 OF 4 REV B
MATERIAL	FINISH	WEIGHT	CUSTOMER DRAWING

LOC		DIST		REVISIONS			
GP	00	P	LTN	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			

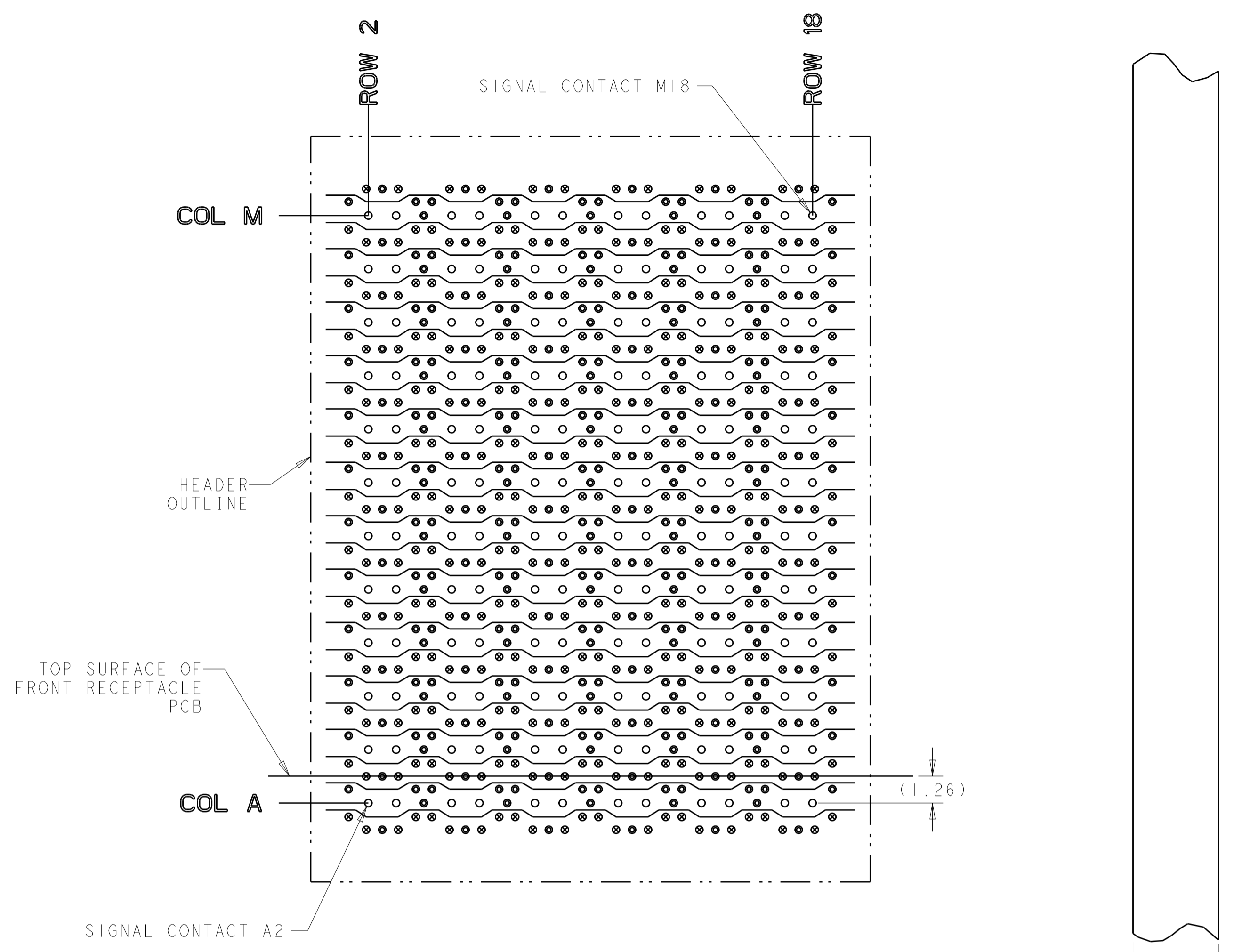


○ = SIGNAL
 ⊗ = GROUND
 ⊙ = SIGNAL INTEGRITY VIA TO GROUND

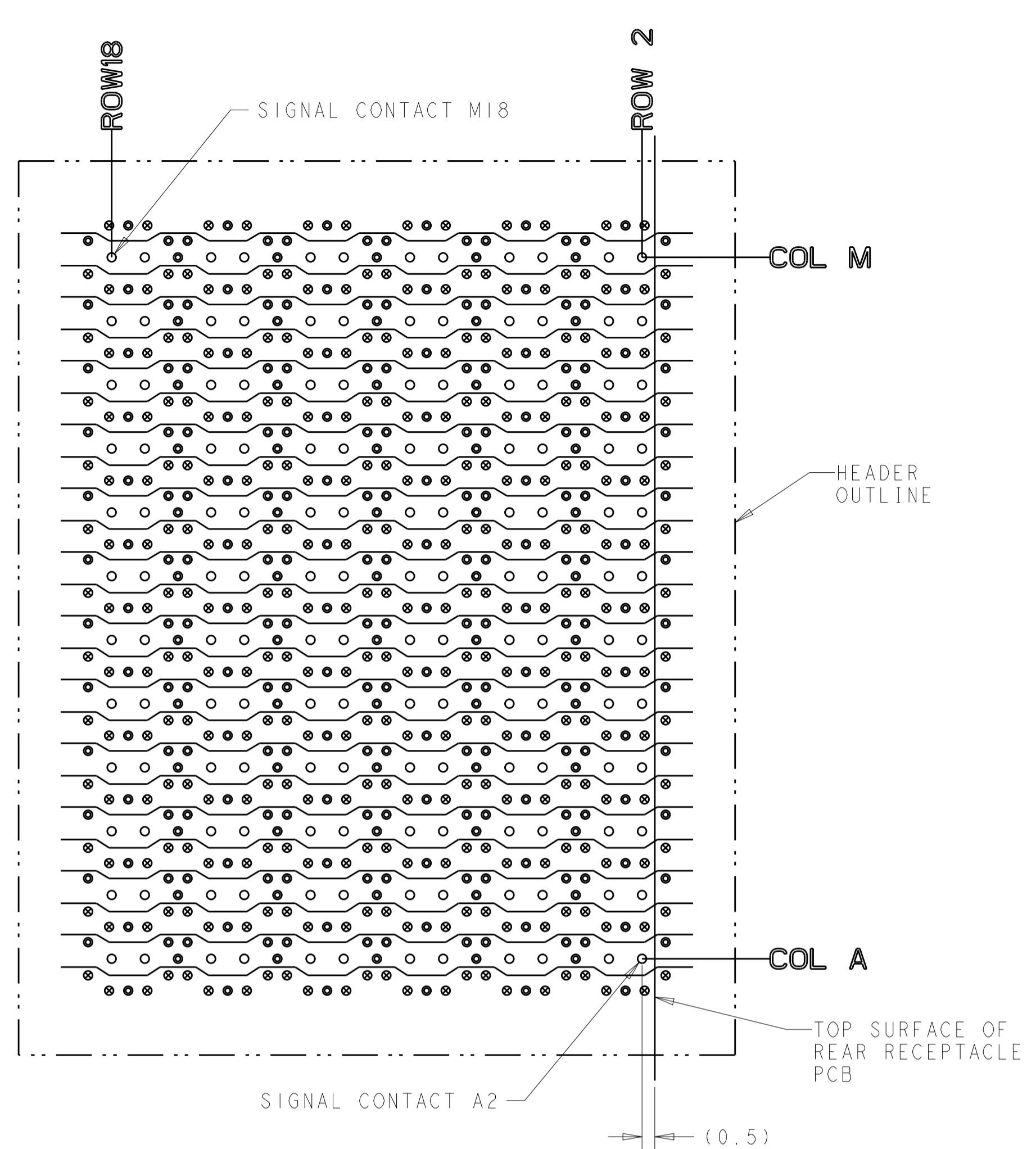
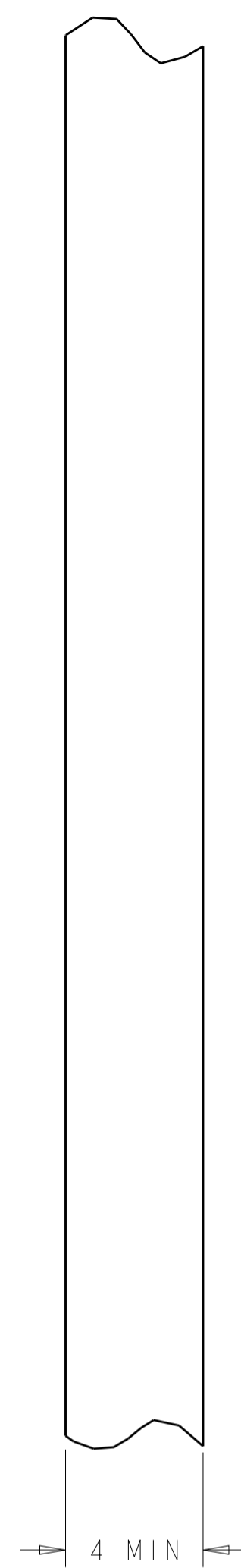
RECOMMENDED PCB LAYOUT
 COMPONENT SIDE SHOWN
 SCALE 10:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN T. KODAIRA 09MAY2016	TE Connectivity
DIMENSIONS:		CHK D. TROUT 09MAY2016	
mm	0 PLC ± 1 PLC ±0.10 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	APVD D. TROUT 09MAY2016	NAME HEADER ASSEMBLY, 6 PAIR 12 COLUMN, 100 OHM PiC, STRADA WHISPER
MATERIAL	FINISH	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO
		APPLICATION SPEC	A100779C=2198200
		WEIGHT	RESTRICTED TO
		CUSTOMER DRAWING	SCALE 5:1 SHEET 2 OF 4 REV B

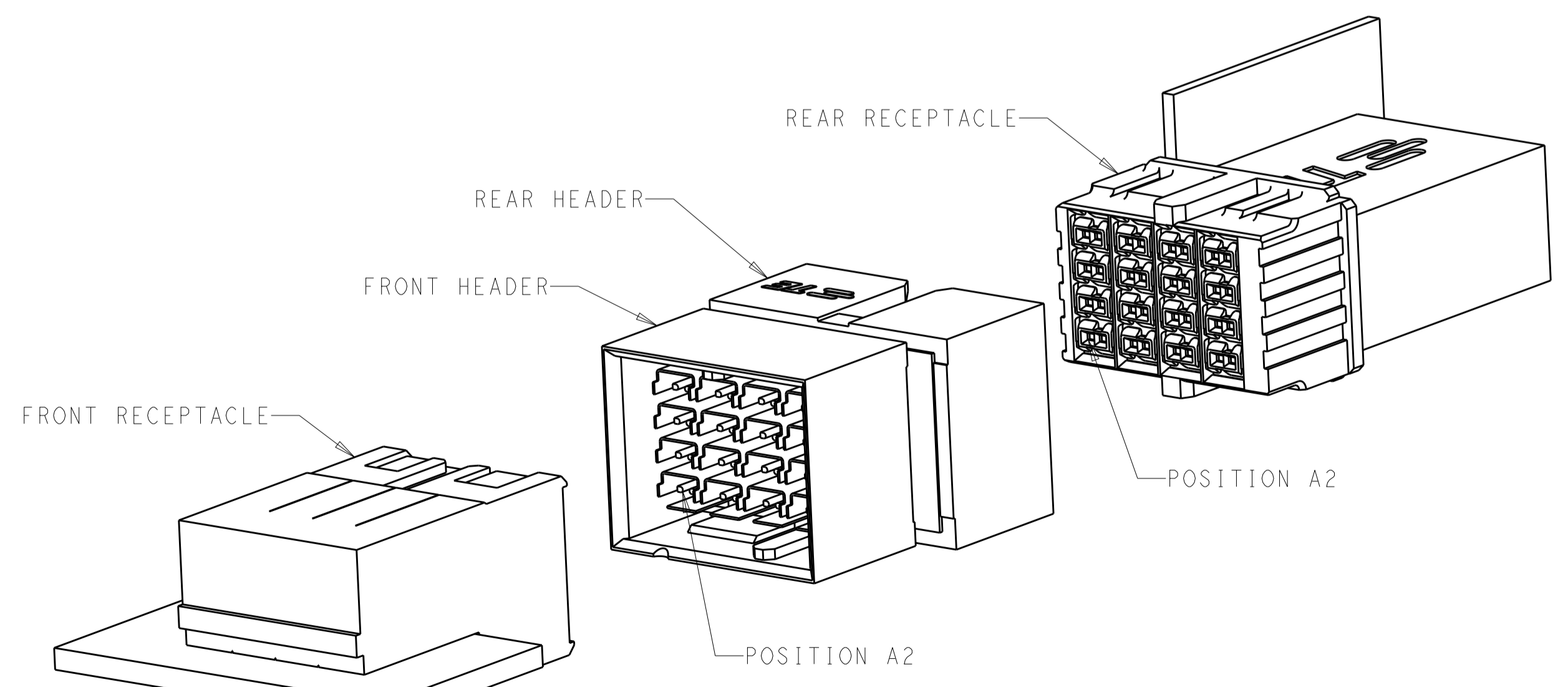
LOC		DIST		REVISIONS			
GP	00	P	LYR	DESCRIPTION	DATE	DWN	APVD
		-		SEE SHEET 1			



FRONT VIEW OF MIDPLANE
 (HEADER ROW AND COLUMN DESIGNATIONS SHOWN)



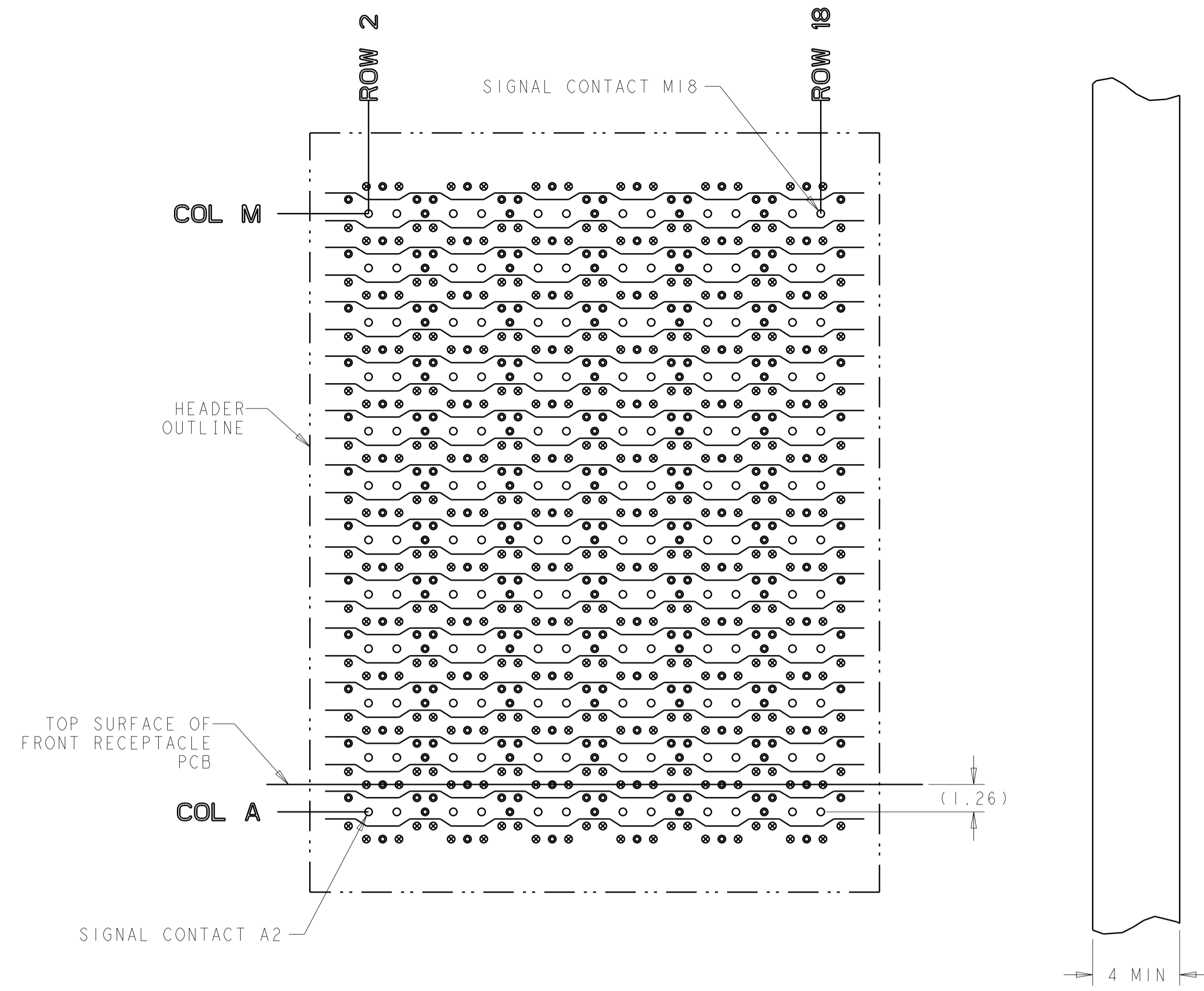
REAR VIEW OF MIDPLANE
 (HEADER ROW AND COLUMN DESIGNATIONS SHOWN)



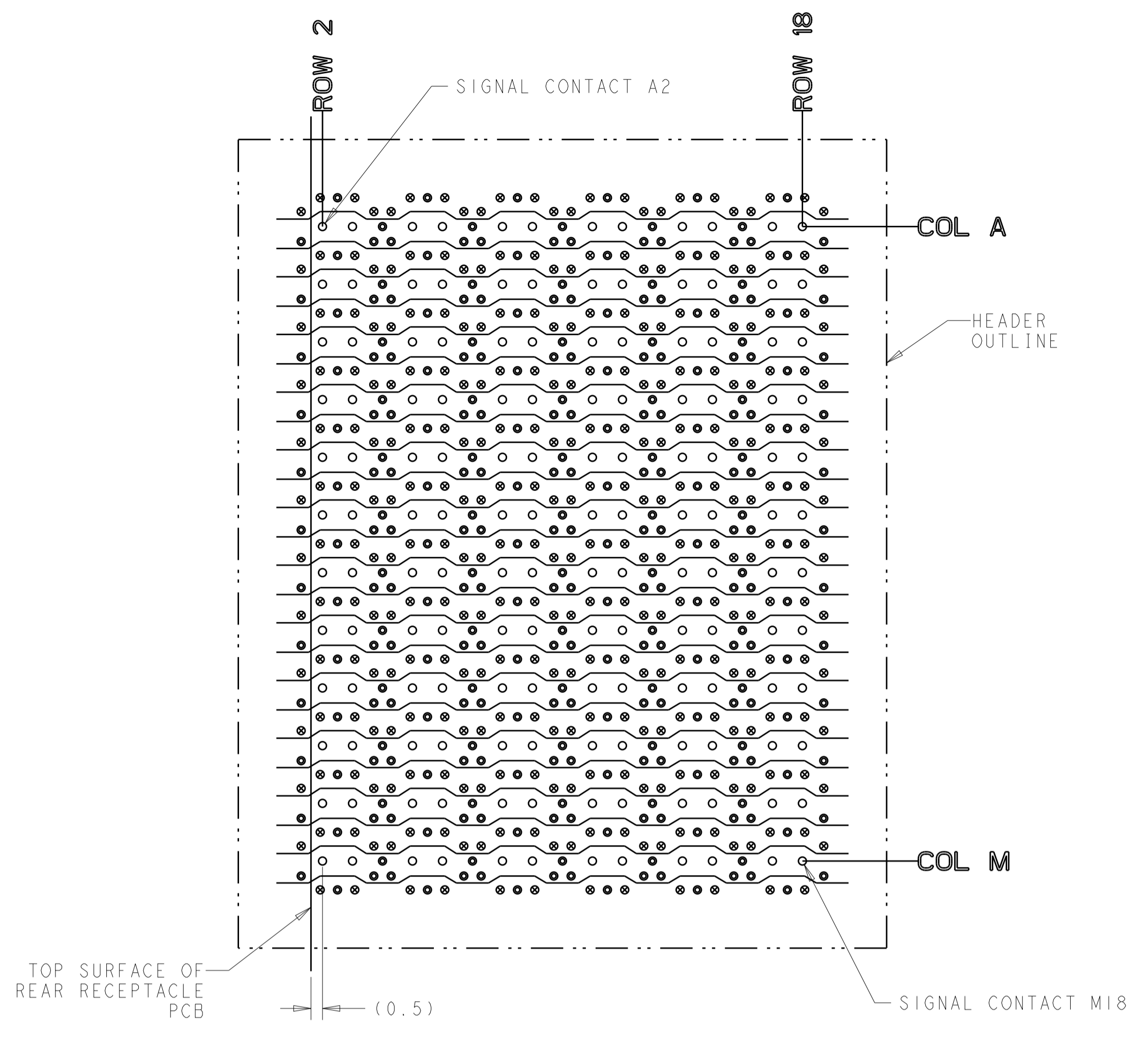
MATING SCHEMATIC FOR THROUGH ROUTING
 (MIDPLANE NOT SHOWN FOR CLARITY)
 SCALE 3:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. KODAIRA 09MAY2016	TE Connectivity NAME HEADER ASSEMBLY, 6 PAIR 12 COLUMN, 100 OHM PiC, STRADA WHISPER
DIMENSIONS:		CHK D. TROUT 09MAY2016	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. TROUT 09MAY2016	PRODUCT SPEC
0 PLC	±	APPLICATION SPEC	SIZE
1 PLC	±0.10	WEIGHT	A100779C=2198200
2 PLC	±	CUSTOMER DRAWING	SCALE 5:1 SHEET 3 OF 4 REV B
3 PLC	±		
4 PLC	±		
ANGLES	±		
MATERIAL	FINISH		

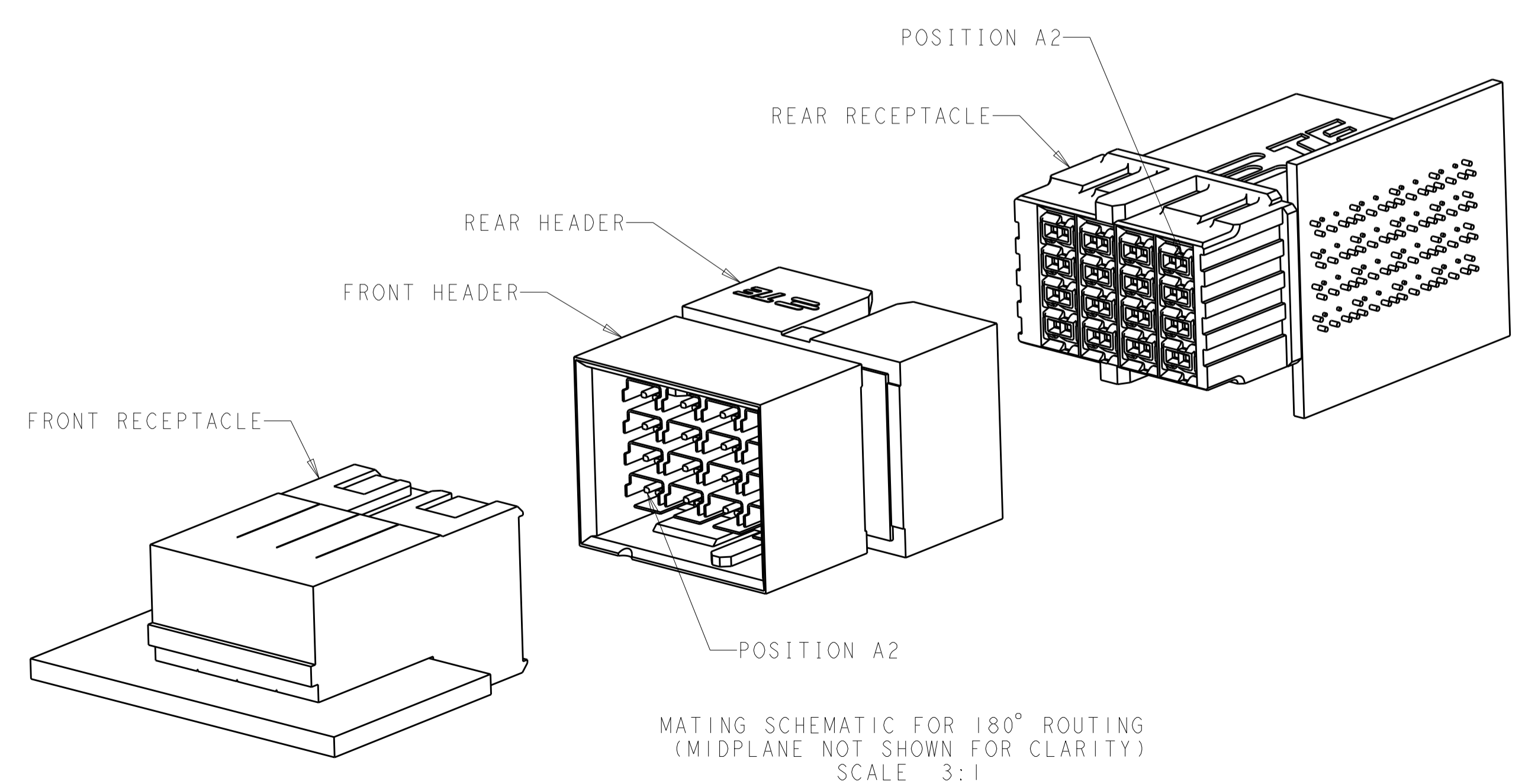
LOC	DIST	REVISIONS					
GP	00	P	LYR	DESCRIPTION	DATE	OWN	APVD
		-		SEE SHEET 1			



FRONT VIEW OF MIDPLANE
(HEADER ROW AND COLUMN DESIGNATIONS SHOWN)



REAR VIEW OF MIDPLANE
(HEADER ROW AND COLUMN DESIGNATIONS SHOWN)



MATING SCHEMATIC FOR 180° ROUTING
(MIDPLANE NOT SHOWN FOR CLARITY)
SCALE 3:1

REAR SIDE												
M	A18	A17	A15	A14	A12	A11	A9	A8	A6	A5	A3	A2
L	B18	B17	B15	B14	B12	B11	B9	B8	B6	B5	B3	B2
K	C18	C17	C15	C14	C12	C11	C9	C8	C6	C5	C3	C2
J	D18	D17	D15	D14	D12	D11	D9	D8	D6	D5	D3	D2
H	E18	E17	E15	E14	E12	E11	E9	E8	E6	E5	E3	E2
G	F18	F17	F15	F14	F12	F11	F9	F8	F6	F5	F3	F2
F	G18	G17	G15	G14	G12	G11	G9	G8	G6	G5	G3	G2
E	H18	H17	H15	H14	H12	H11	H9	H8	H6	H5	H3	H2
D	J18	J17	J15	J14	J12	J11	J9	J8	J6	J5	J3	J2
C	K18	K17	K15	K14	K12	K11	K9	K8	K6	K5	K3	K2
B	L18	L17	L15	L14	L12	L11	L9	L8	L6	L5	L3	L2
A	M18	M17	M15	M14	M12	M11	M9	M8	M6	M5	M3	M2
	2	3	5	6	8	9	11	12	14	15	17	18

FRONT SIDE

SIGNAL ROUTING TABLE
(EXAMPLE: FRONT RECEPTACLE PAIR A2-3 ROUTES TO REAR RECEPTACLE M18-17)

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN T. KODAIRA 09MAY2016	 TE Connectivity
DIMENSIONS:		CHK D. TROUT 09MAY2016	
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. TROUT 09MAY2016	NAME HEADER ASSEMBLY, 6 PAIR 12 COLUMN, 100 OHM PiC, STRADA WHISPER
 0 PLC ± 1 PLC ± 2 PLC ±0.10 3 PLC ± 4 PLC ± ANGLES ±	MATERIAL	PRODUCT SPEC	APPLICATION SPEC
FINISH		WEIGHT	RESTRICTED TO
CUSTOMER DRAWING		SCALE 5:1	SIZE CAGE CODE DRAWING NO A100779C=2198200
		SHEET 4 OF 4	REV B