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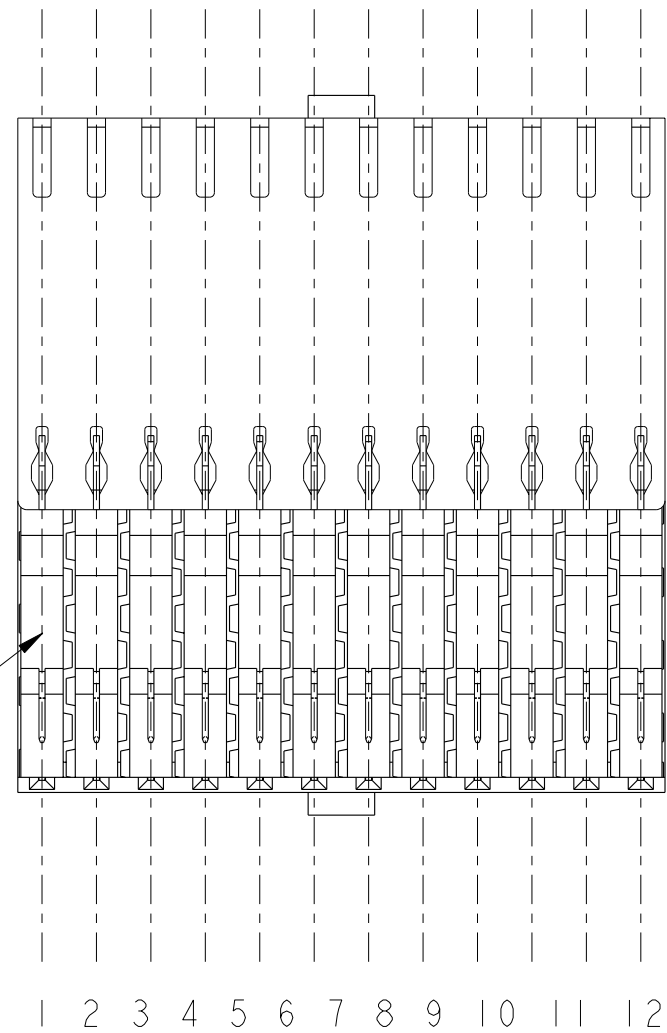
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SEE NOTE 12



SECTION E - E



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	ZipLine R/A REC ASSY, PWR		dwg no 10084164		Rev. A
	6 PR, 12 IMLA, 1.8MM PITCH, 21.6MM		CUSTOMER		sheet 2 of 4
catalog no		-			

1

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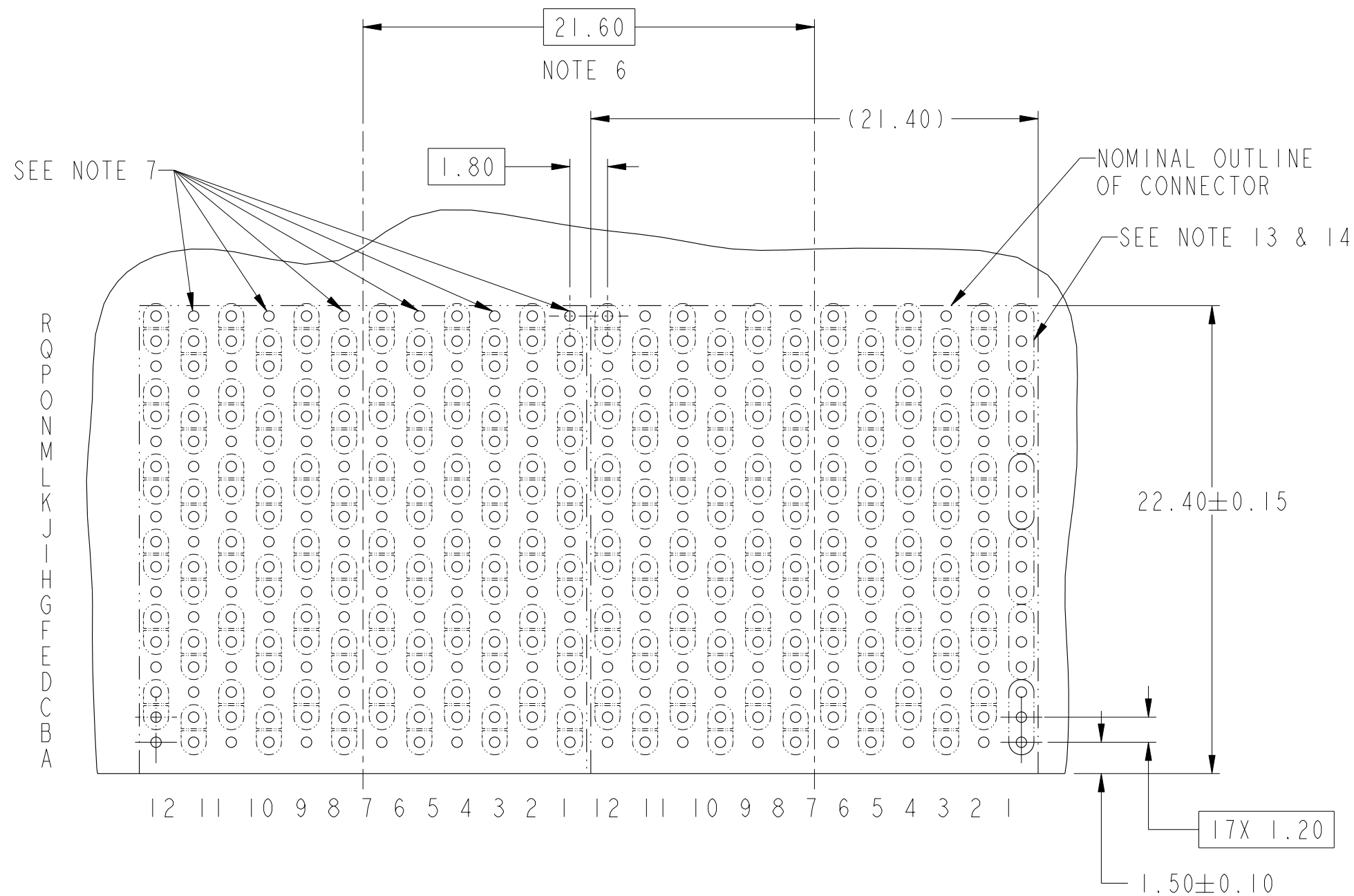
D

A

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RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 7, & 8
POWER LAYOUT REPRESENTED BY COLUMN 1
AT FAR RIGHT



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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	POWER (P) OR SIGNAL (S) BY COLUMN NUMBER (SEE NOTE 14)											
		I	2	3	4	5	6	7	8	9	10	11	12
10084164-101	TIN/LEAD ALLOY OVER NICKEL	P	S	S	S	S	S	S	S	S	S	S	S
10084164-101LF	TIN OVER NICKEL (LEAD FREE)	P	S	S	S	S	S	S	S	S	S	S	S
10084164-102	TIN/LEAD ALLOY OVER NICKEL	P	P	S	S	S	S	S	S	S	S	S	S
10084164-102LF	TIN OVER NICKEL (LEAD FREE)	P	P	S	S	S	S	S	S	S	S	S	S
10084164-103	TIN/LEAD ALLOY OVER NICKEL	P	S	S	S	S	S	S	S	S	S	S	P
10084164-103LF	TIN OVER NICKEL (LEAD FREE)	P	S	S	S	S	S	S	S	S	S	S	P

- ① - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: STAINLESS STEEL
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE
REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-452
INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995)
CENTRAL OFFICE TEST SEQUENCE
- PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-452
- 4 - APPLICATION SPECIFICATION: GS-20-094
- ⑤ - PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑥ - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT
MODULES IS 21.6MM.
- ⑦ - THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR EXCEPT FOR
POSITIONS R1,R3,R5,R7,R9,& R11. THESE MUST BE ASSIGNED AS GROUNDS.

- ⑧ - REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION
ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES &
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 10 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION,
INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- 11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING
SPECIFICATION.
- ⑫ - PLASTIC FOR POWER COLUMNS IS WHITE.
PLASTIC FOR SIGNAL COLUMNS IS BLACK.
SEE PART NUMBER TABLE FOR APPLICABLE
POWER (P) AND SIGNAL (S) COLUMN LOADING POSITIONS.
- ⑬ - WITHIN ANY POWER COLUMN, EACH 3 OF THE 18 CONTACT
POSITIONS ARE COMMONED TO FORM 6 POWER CONTACTS. PCB
LAYOUT SHOWS ONE CONFIGURATION OF COMMONED VIAS
MAKING UP THE 6 INDIVIDUAL POWER POSITIONS. ADDITIONAL
CUSTOMER-DEFINED PCB LAYOUTS WILL ALLOW ANYWHERE FROM
ONE TO SIX POWER LINES WITHIN A COLUMN.
- ⑭ - PRODUCT CAN BE CONFIGURED WITH POWER IN ANY COLUMN
OR MULTIPLE COLUMNS.

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	ZipLine R/A REC ASSY, PWR	dwg no 10084164	Rev. A
	6 PR, 12 IMLA, 1.8MM PITCH, 21.6MM		
catalog no		-	CUSTOMER
		sheet 4 of 4	