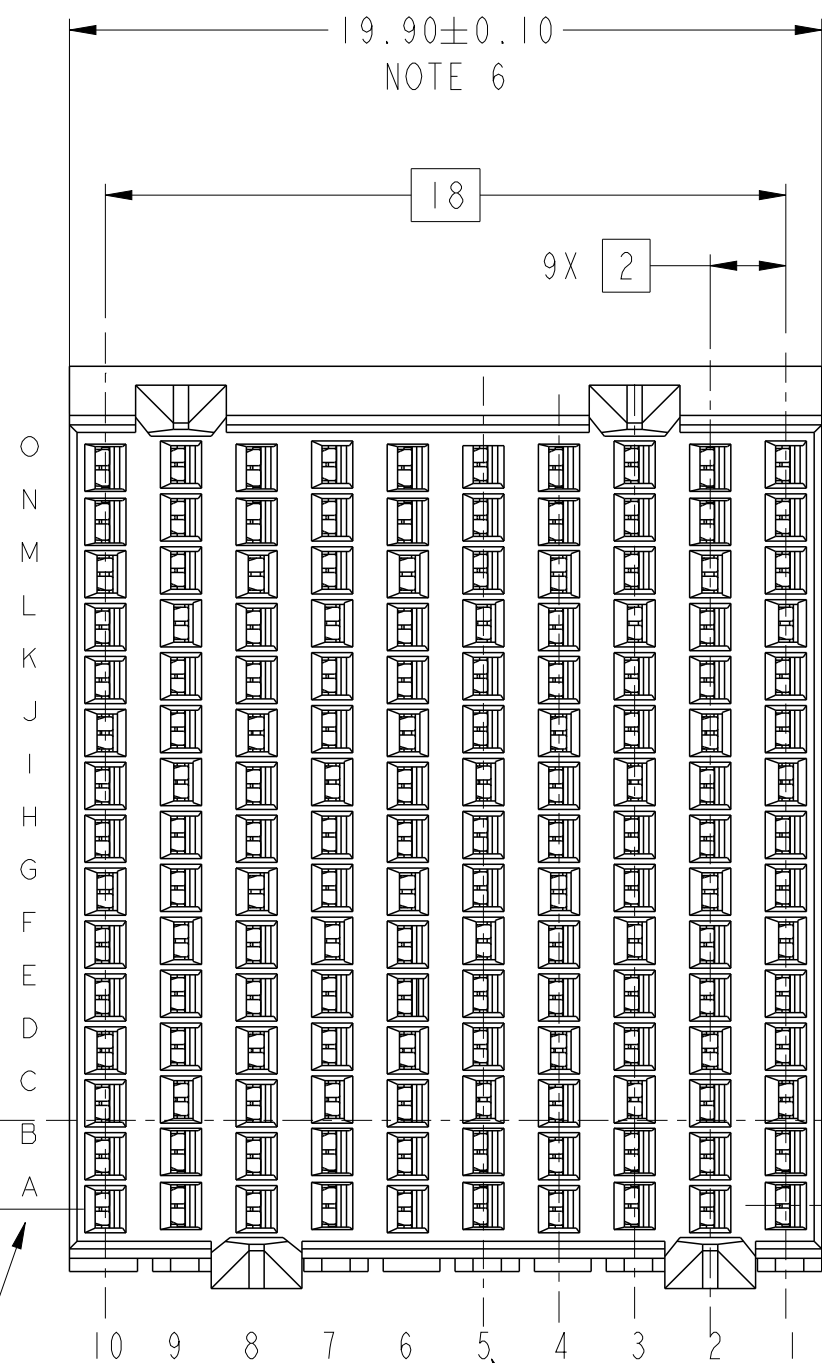


PRODUCT NUMBER
SEE SHEET 3

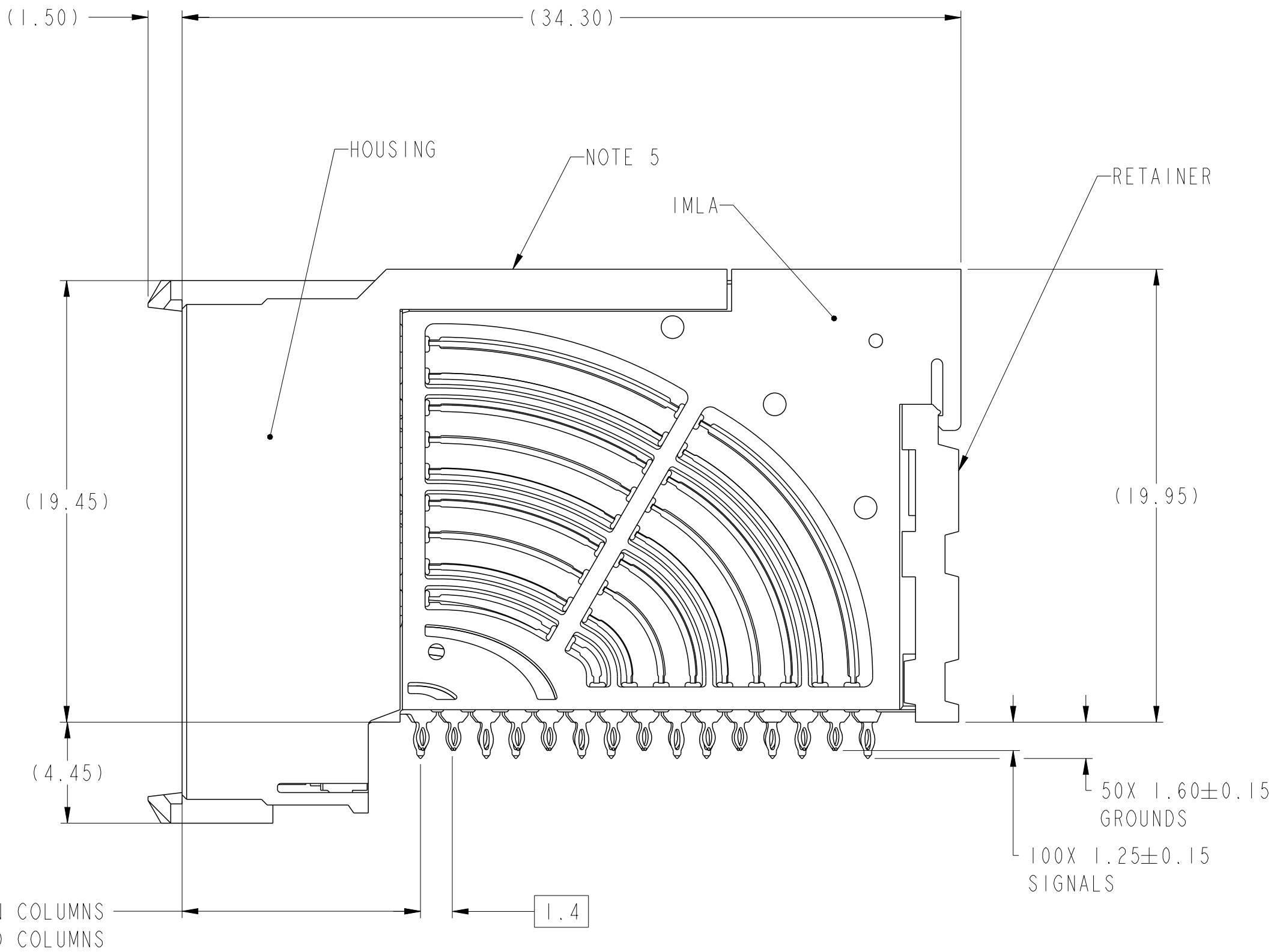


TOP SURFACE
OF DAUGHTER CARD

COLUMN ID

ODD COLUMN, CONTACT ROW ID

EVEN COLUMN, CONTACT ROW ID
ODD AND EVEN COLUMNS ARE OFFSET

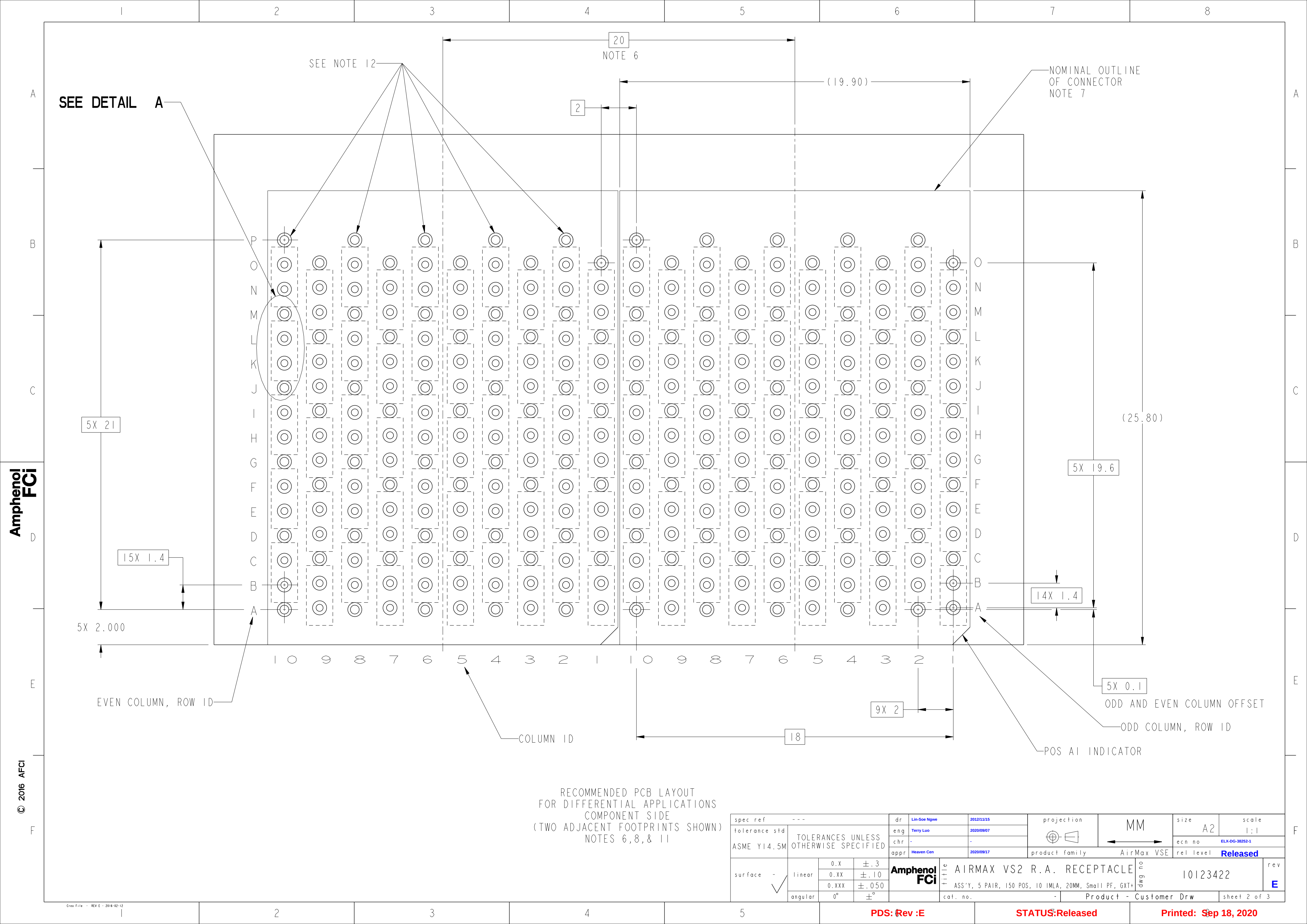


spec ref	---	dr	Lin-Soe Ngwe	2012/11/15	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/07	chr	-	ecn no	ELX-DG-38252-1	rel level	Released
surface	-	appr	Heaven Cen	2020/09/17	product family	AirMax VSE	cat. no.	10123422	rev	E
TOLERANCES UNLESS OTHERWISE SPECIFIED		Amphenol FCI		title		AIRMAX VS2 R.A. RECEPTACLE		ASS'Y, 5 PAIR, 150 POS, 10 IMLA, 20MM, Small PF, GXT		sheet 1 of 3
linear		0.X		$\pm .3$		0.XX		$\pm .10$		
		0.XXX		$\pm .050$		angular		0°		

PDS: Rev :E

STATUS:Released

Printed: Sep 18, 2020

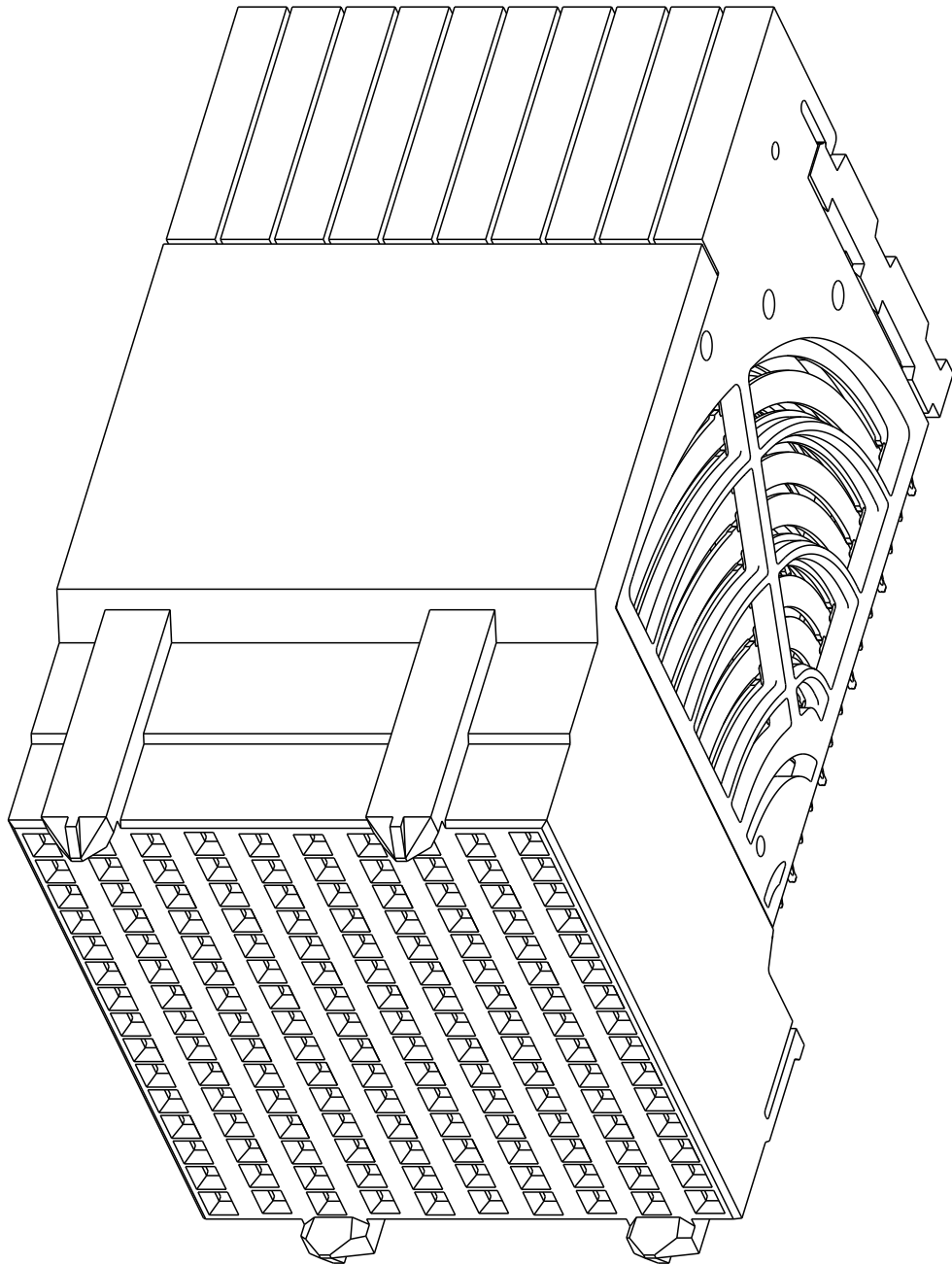
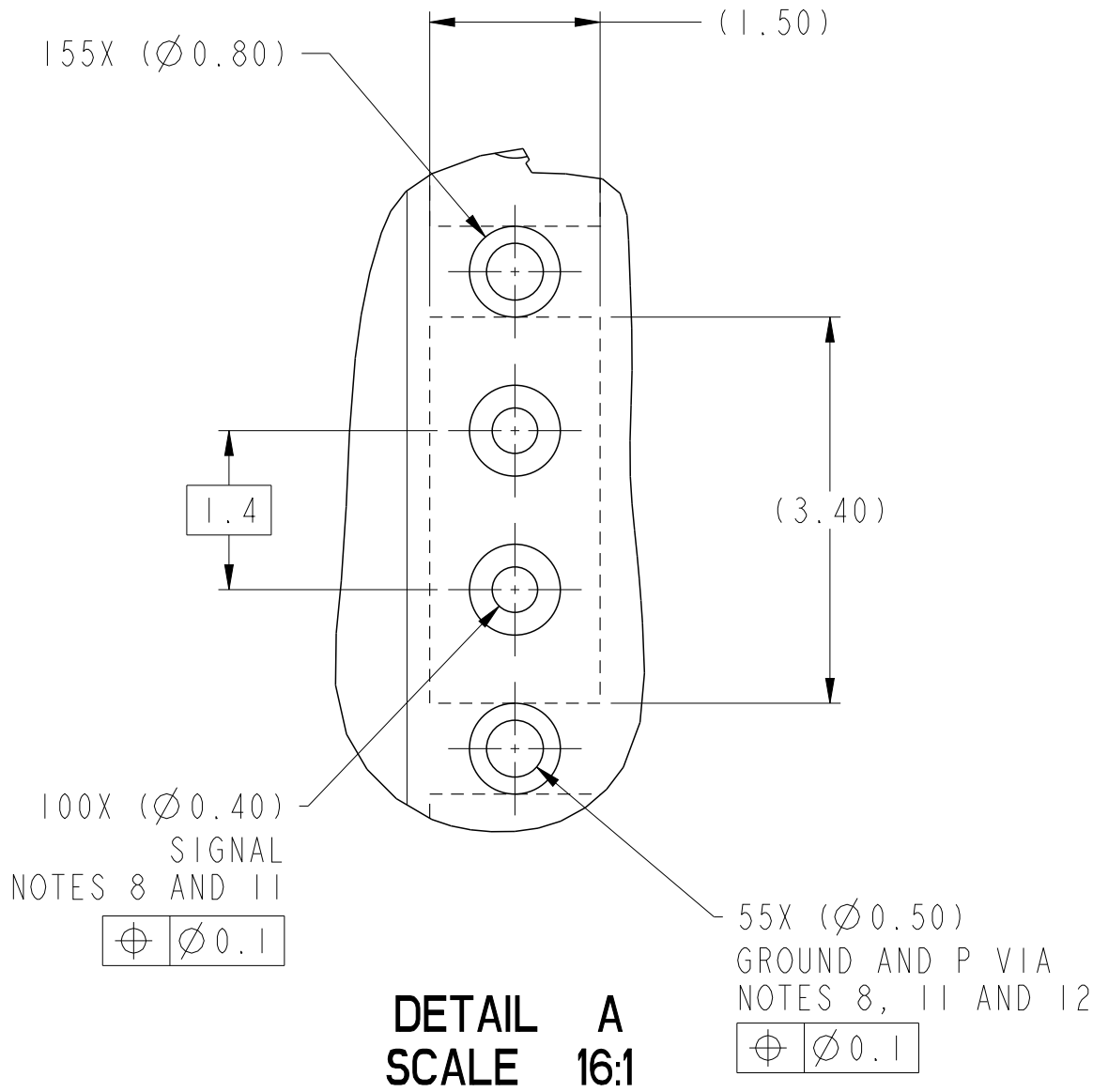


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

spec ref		---		dr		Lin-Soe Ngwe		2012/11/15		projection 	MM 	size	A2	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2020/09/07				ecn no	ELX-DG-38252-1		
ASME Y14.5M				chr		-		-				rel level		Released	
				appr		Heaven Cen		2020/09/17				product family		AirMax VSE	
surface - 	linear	0.X		±.3		Amphenol FCI	title		AIRMAX VS2 R.A. RECEPTACLE		dwg no	10123422		rev	E
		0.XX		±.10											
		0.XXX		±.050											
		angular		0°											
								cat. no.		-		Product - Customer Drw		sheet 2 of 3	

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10123422-101LF	TIN OVER NICKEL (LEAD FREE)

- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE
REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956
INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995)
CENTRAL OFFICE TEST SEQUENCE
- PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305.
- 5 - PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- 6 - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT
MODULES IS 20.0 MM.
- 7 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO
BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- 8 - REFER TO CUSTOMER DRAWING 10104444 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 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING
SPECIFICATION.
- 11 - GROUND CONTACTS (C,F,I,L AND O IN ODD COLUMNS AND A,D,G,J AND M,
EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS
REQUIRE (Ø0.400) FINISHED HOLES.
- 12 - THESE OUTER VIAS (P) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE.
PRESSED INTO THESE HOLES, WE RECOMMEND (Ø 0.500) FINISHED HOLES
AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB



10123422-101LF
SCALE 4:1

spec ref	---	dr	Lin-Soe Ngwe	2012/11/15	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/07	chr	-	ecn no	ELX-DG-38252-1	rel level	Released
surface	linear	0.X	±.3	0.XX	±.10	0.XXX	±.050	angular	0°	±°
Amphenol FCI		title		AIRMAX VS2 R.A. RECEPTACLE		ASS'Y, 5 PAIR, 150 POS, 10 IMLA, 20MM, Small PF, GXT+		cat. no.		Product - Customer Drw
										sheet 3 of 3