

10135262 - 10X LF

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

SEE NOTE 2

MODULE
DESCRIPTION

LETTER DESIGNATION REPRESENTED IN DASH NUMBER

BASE
MODULE

RIGHT
POLARIZING
GUIDANCE
MODULE
(SEE SHEET 3)

N

J
(NO KEY)

A

B

C

D

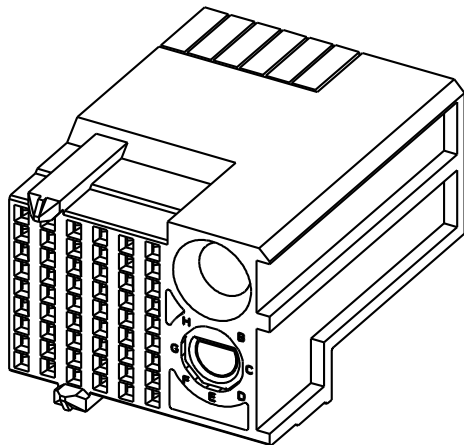
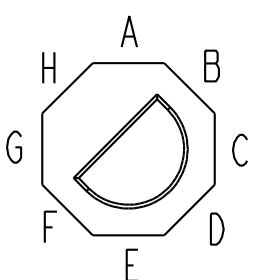
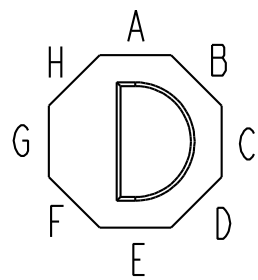
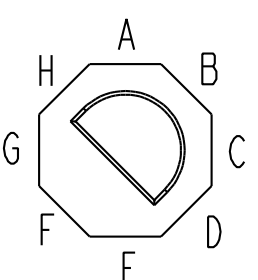
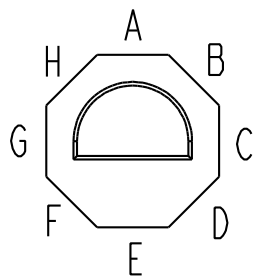
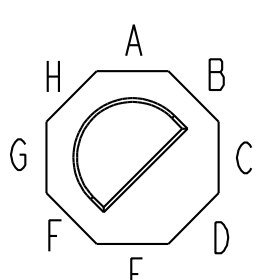
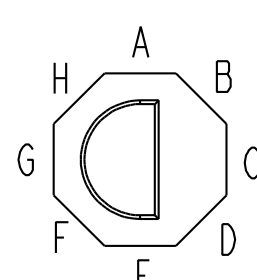
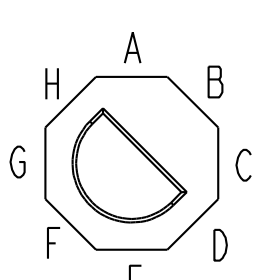
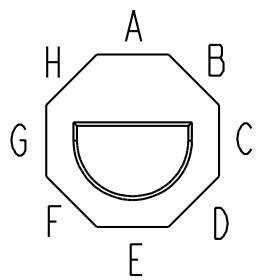
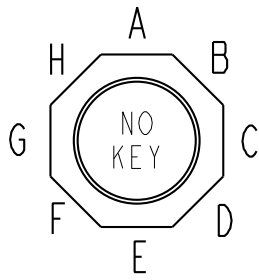
E

F

G

H

NO KEY
NO GUIDE PIN



LEFT
POLARIZING
GUIDANCE
MODULE
(SEE SHEET 2)

Z

Y
(NO KEY)

P

Q

R

S

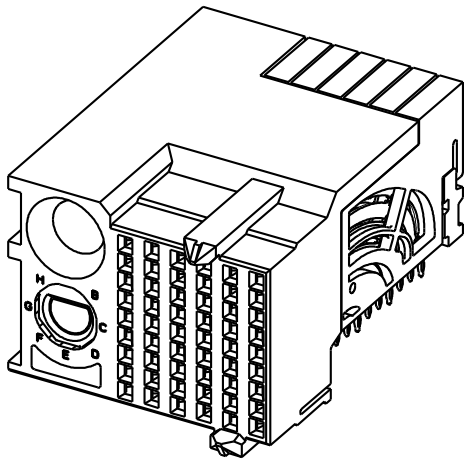
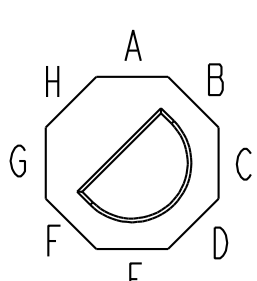
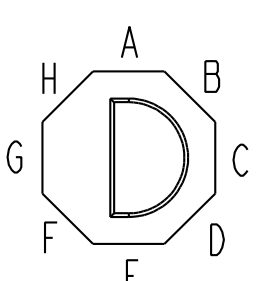
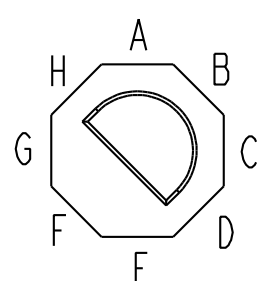
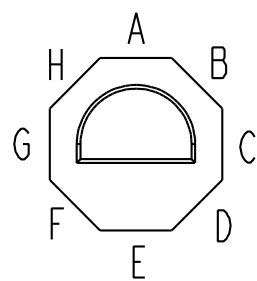
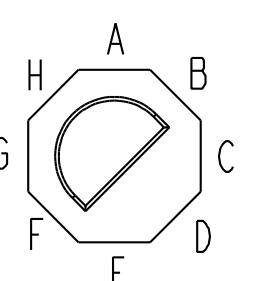
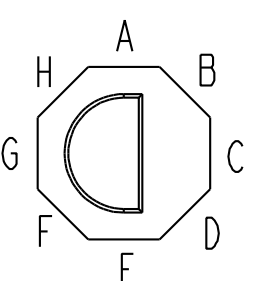
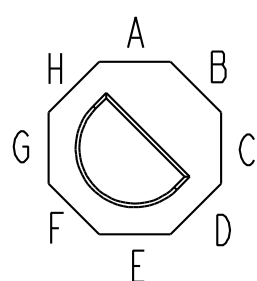
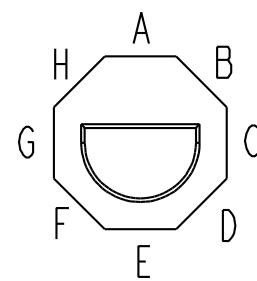
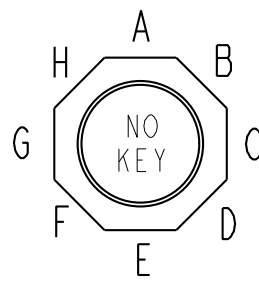
T

U

V

W

NO KEY
NO GUIDE PIN

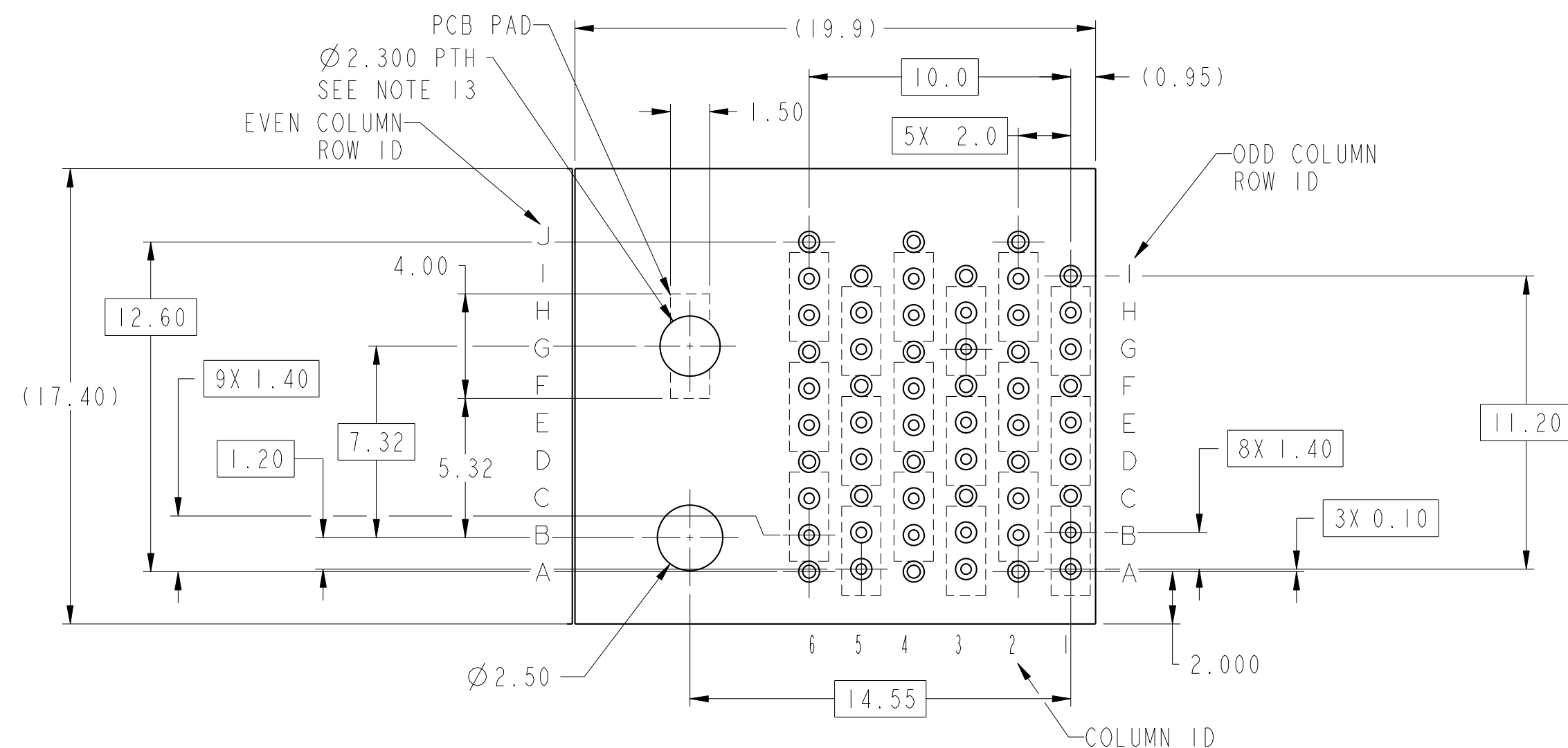
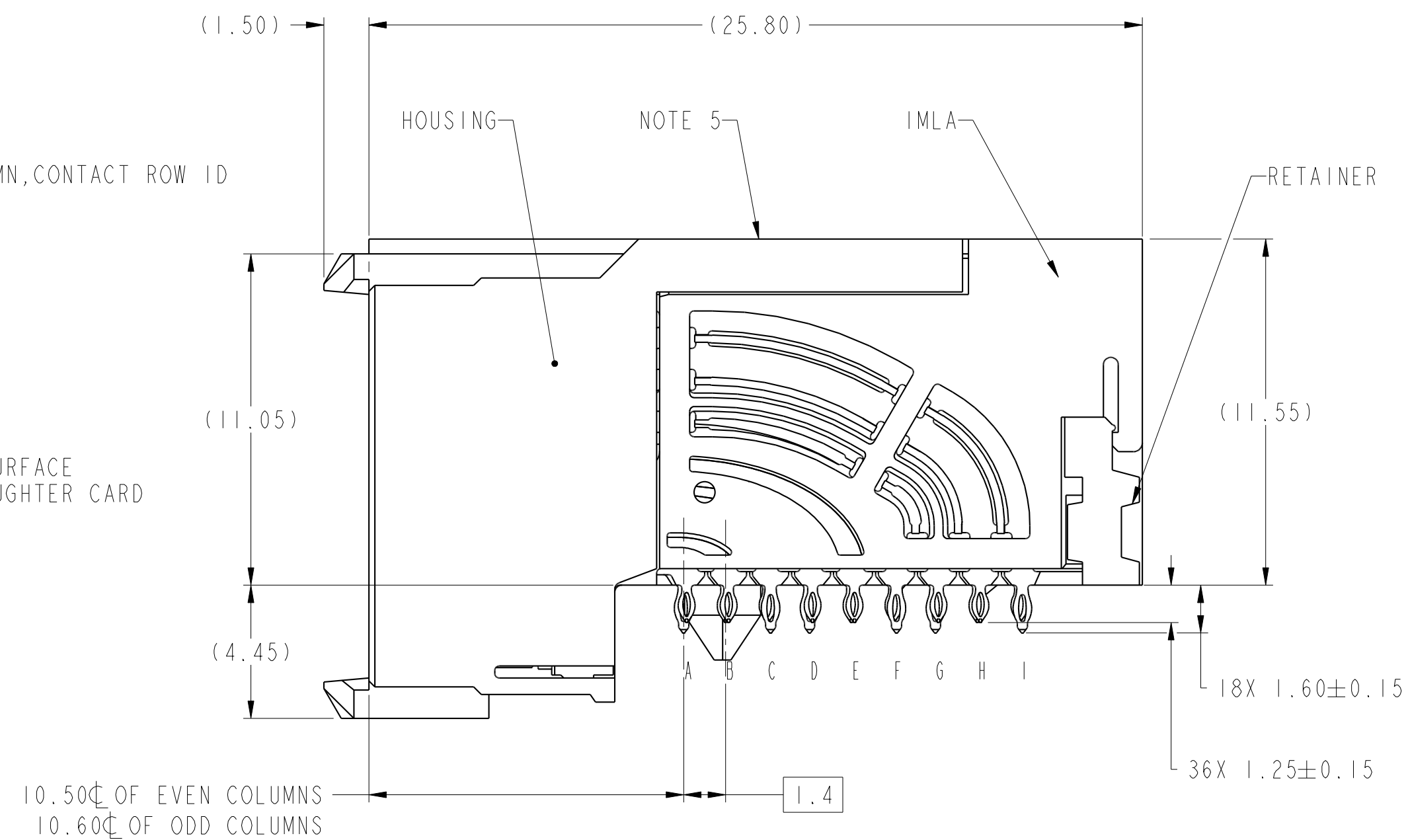
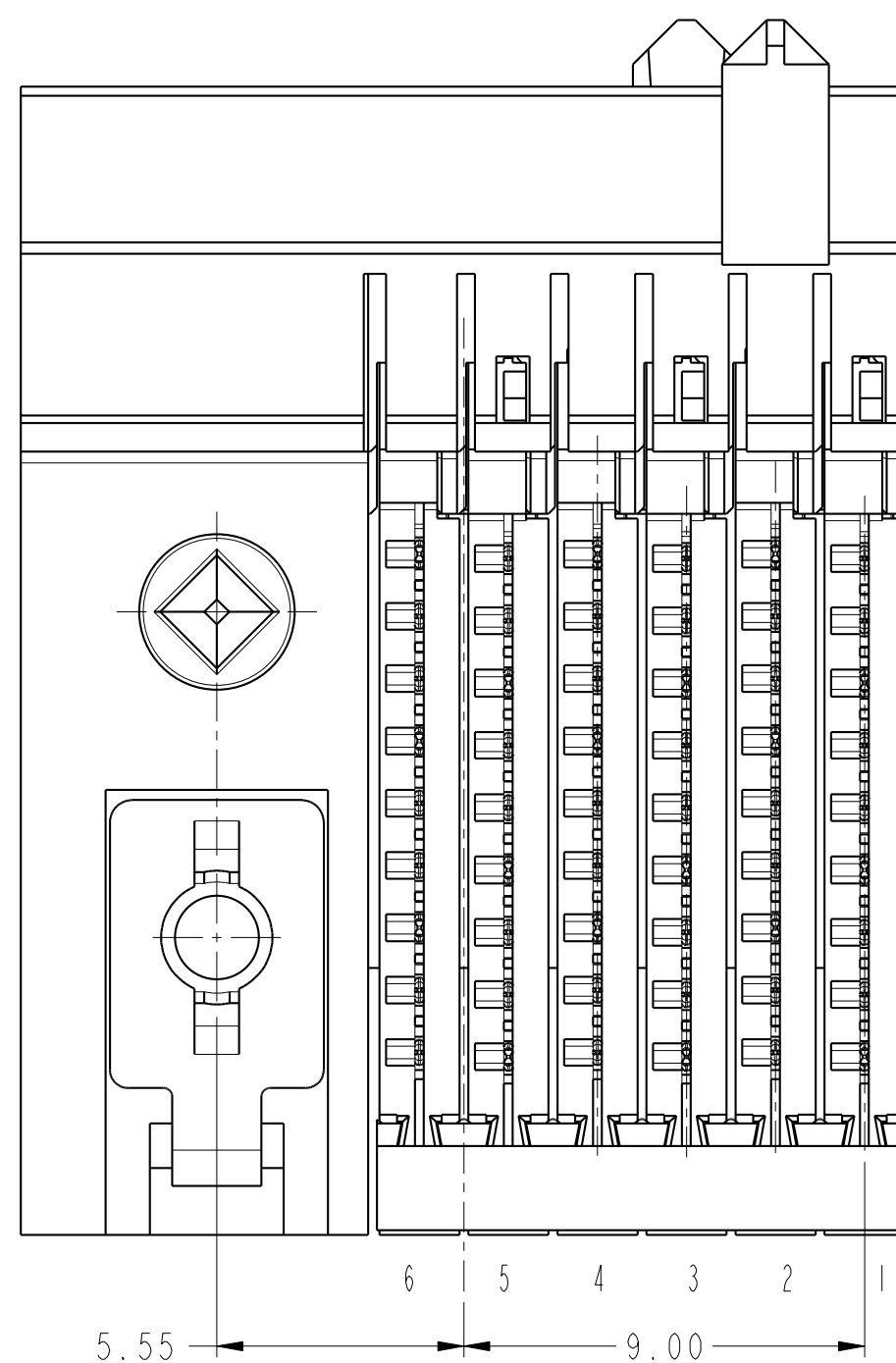
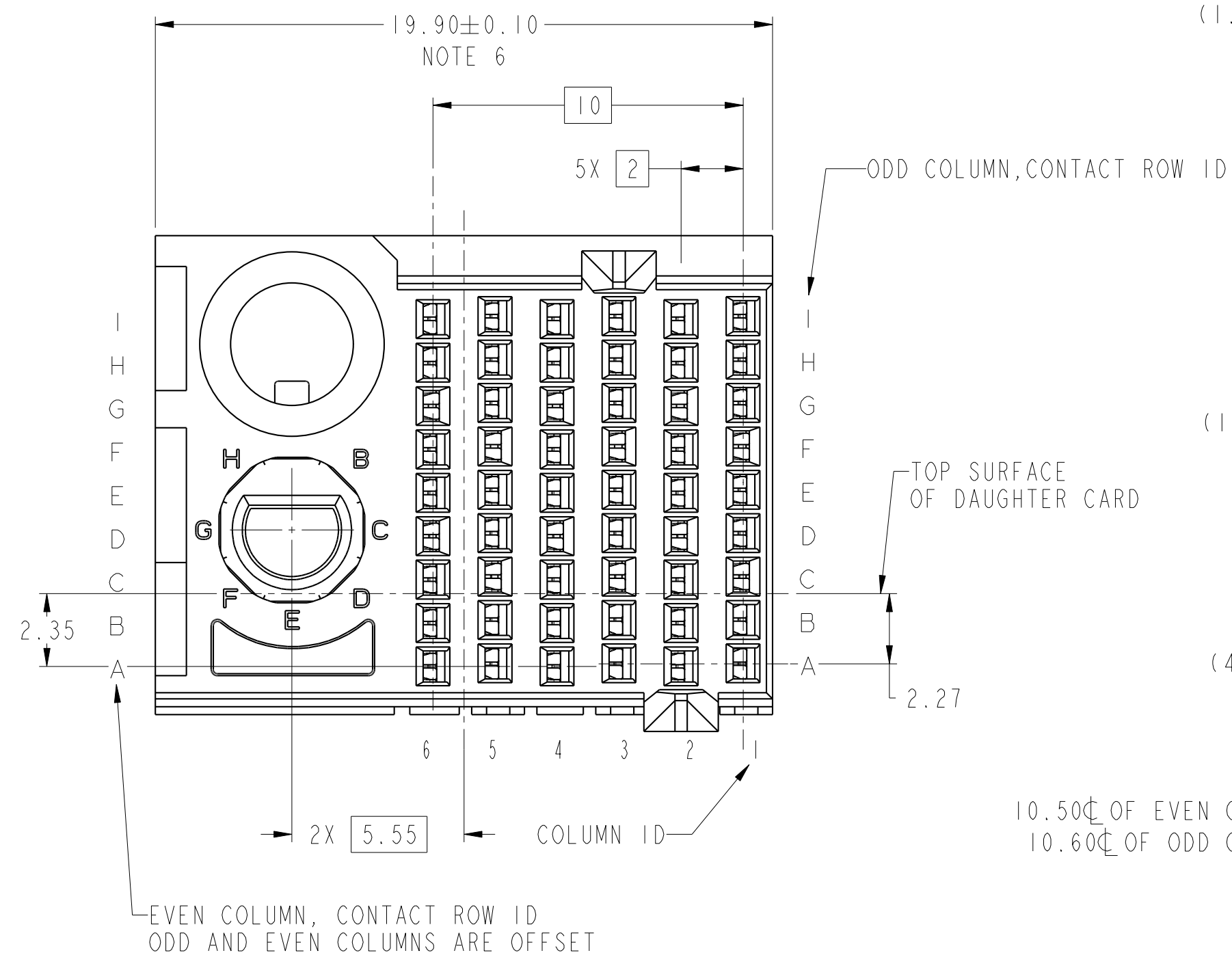


spec ref ---				dr Jerry Ren		2015/05/20		projection		MM		size A2		scale 8:1			
tolerance std				eng Terry Luo		2019/01/31						ecn no -					
ASME Y14.5M				chr Stone Li		2019/01/31						rel level Released					
				appr Heaven Cen		2019/01/31		product family		AirMax VS2							
surface - 		linear				title AIRMAX VSE R.A. RECEPTACLE		dwg no 10135262		rev A		ASSY, 3 PAIR, 54 POS, 6 IMLA, 20MM, W/GUIDE/KEY					
																0.X ±.3	
																0.XX ±.15	
		0.XXX ±.050															
angular		0° ±°		cat. no.		-		Product - Customer Drw				sheet 1 of 4					

PDS: Rev :A

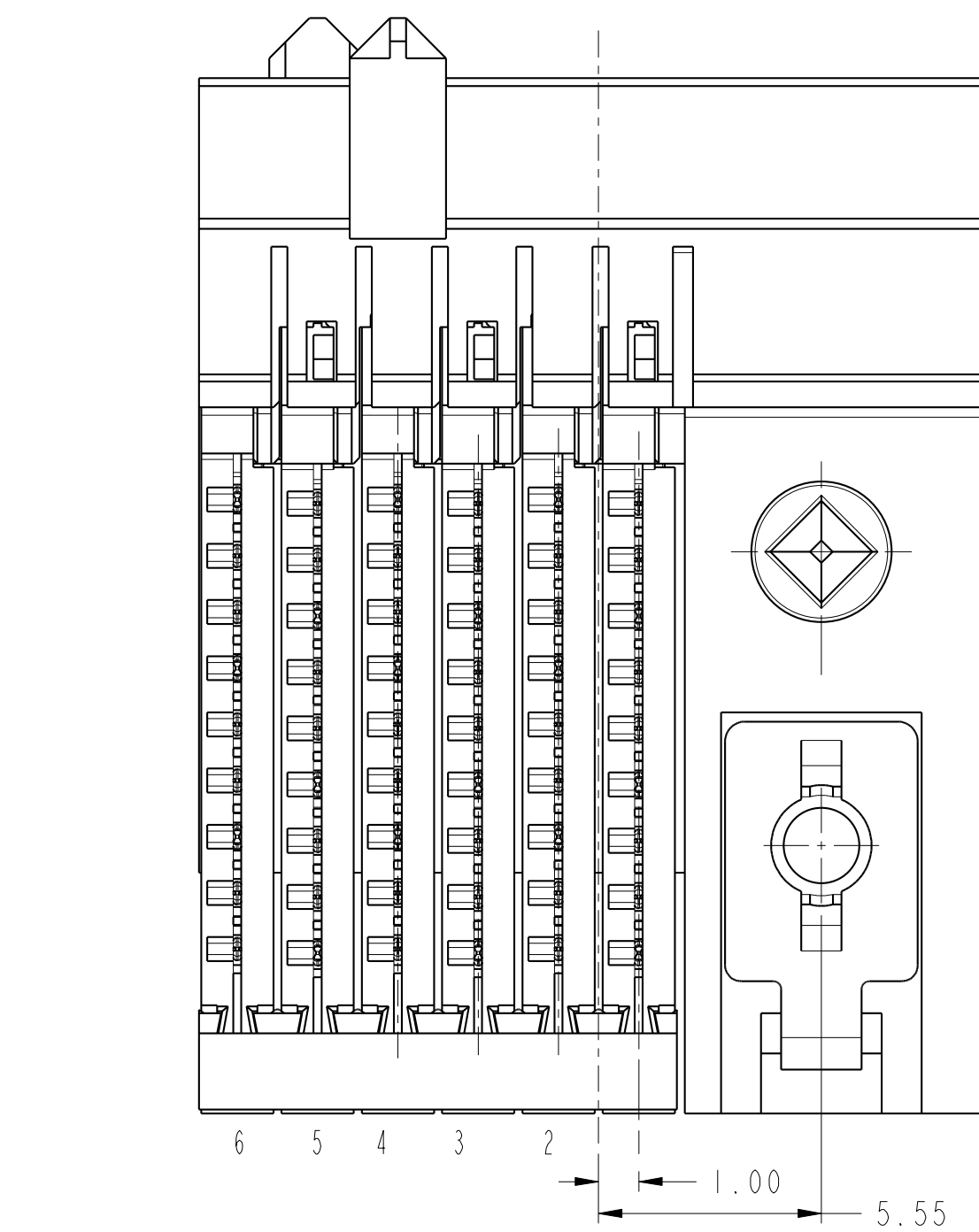
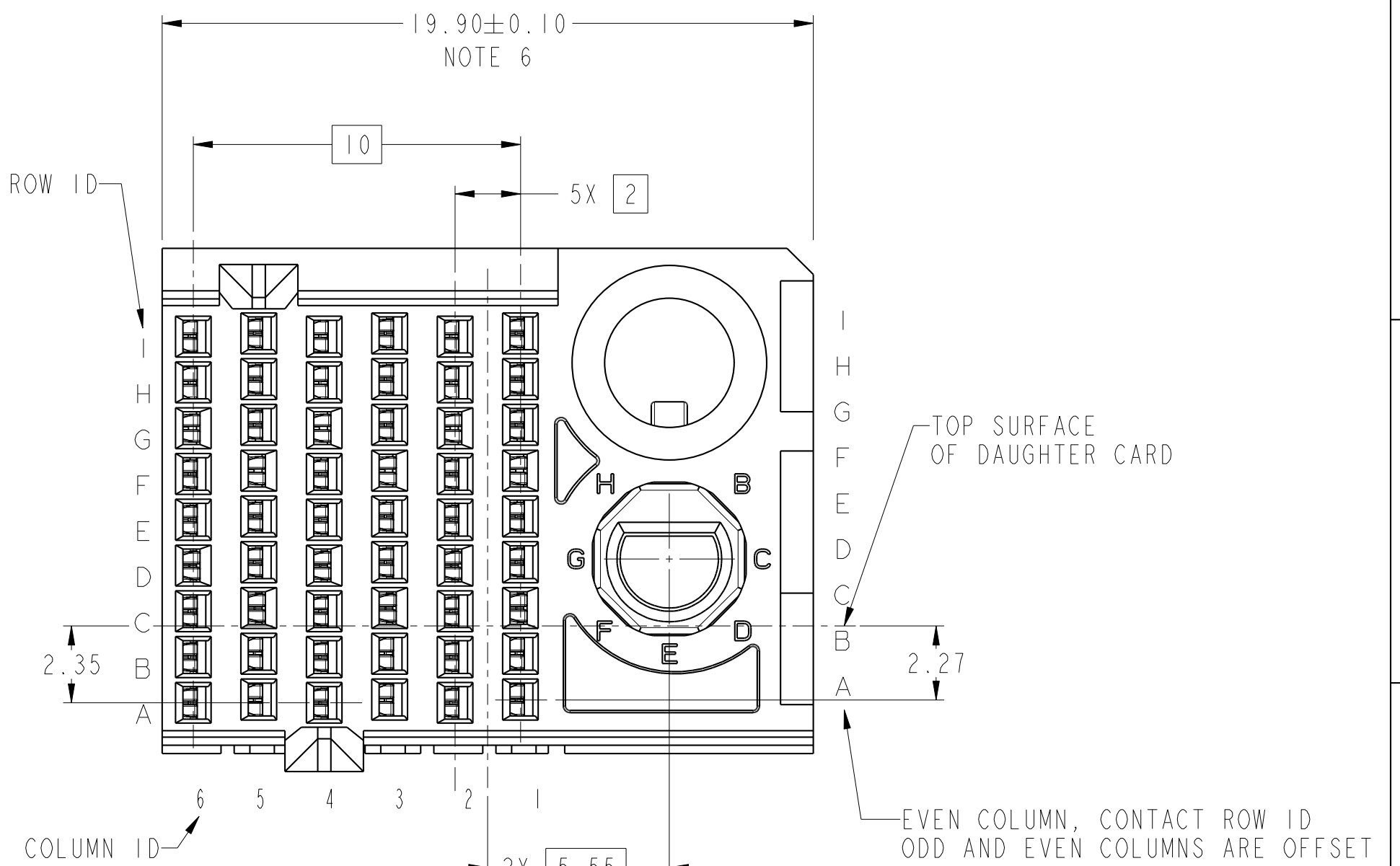
STATUS:Released

Printed: Jan 31, 2019



RECOMMENDED PCB LAYOUT

spec ref		---		dr		Jeny Ren		2015/05/20		projection		MM		size		A2		scale		6:1	
tolerance sid		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2015/01/31						ecn no		-					
ASME Y14.5M				chr		Stone Li		2015/01/31													
				appr		Heaven Cen		2015/01/31		product family		AirMax VS2		rel level		Released					
surface		linear		0.X		±.3		0.XXX		±.15		0.XXX		±.050		cat. no.		Product - Customer Drw		sheet 2 of 4	
✓		angular		0°		±°		cat. no.		Product - Customer Drw		sheet 2 of 4									



Printed: Jan 31, 2019

spec ref		---		dr		Jeny Ren		2015/05/20		projection		MM		size		A2		scale		8:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Terry Luo		2019/01/31						ecn no		-		rel level		Released	
ASME Y14.5M				chr		Stone Li		2019/01/31						product family		AIRMAX VS2					
surface		linear		appr		Heaven Cen		2019/01/31						dwg no		10135262		rev		A	
				0.X		±.3															
				0.XXX		±.15															
				0.XXX		±.050															
		angular		0°		±°															

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10135262-10*LF	TIN OVER NICKEL (LEAD FREE)

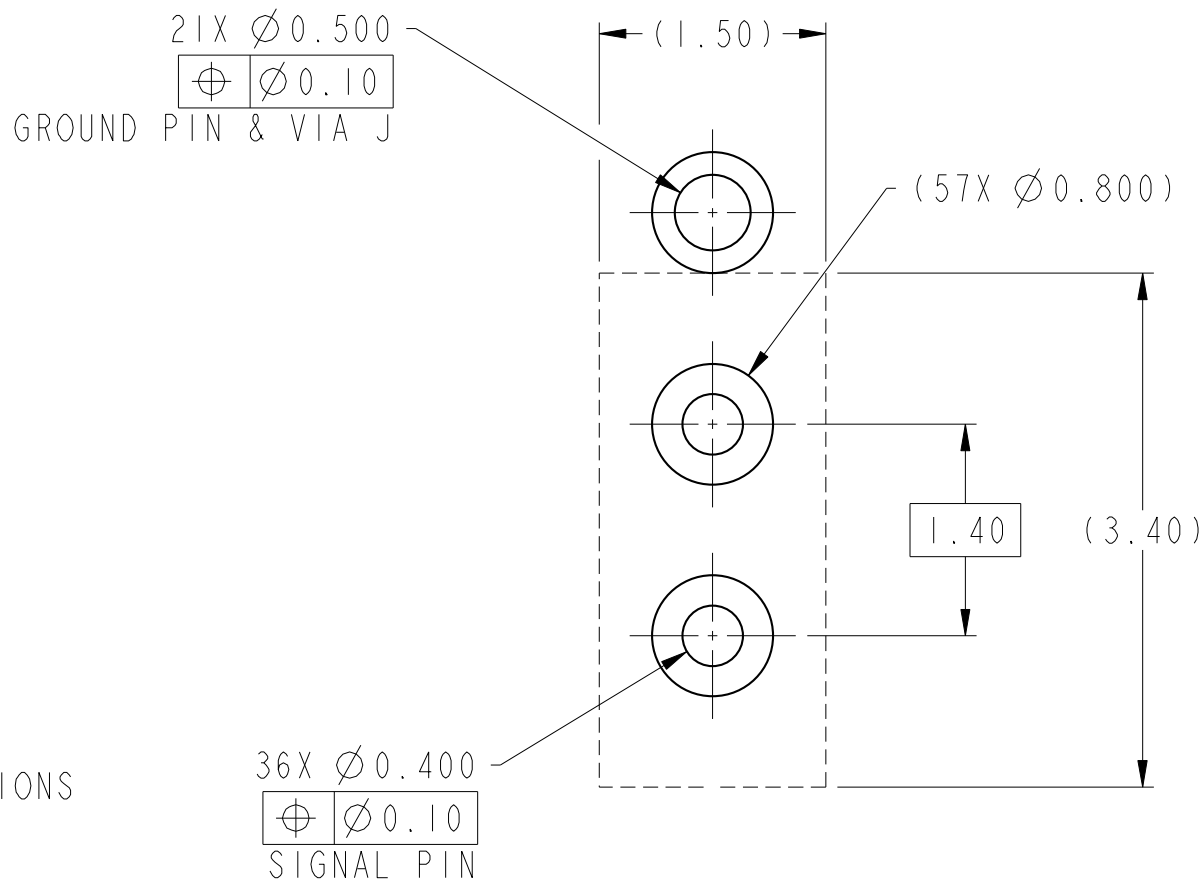
- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, WHITE, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE
REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956
INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995)
CENTRAL OFFICE TEST SEQUENCE

PRESS-FIT TAILS: SEE TABLE

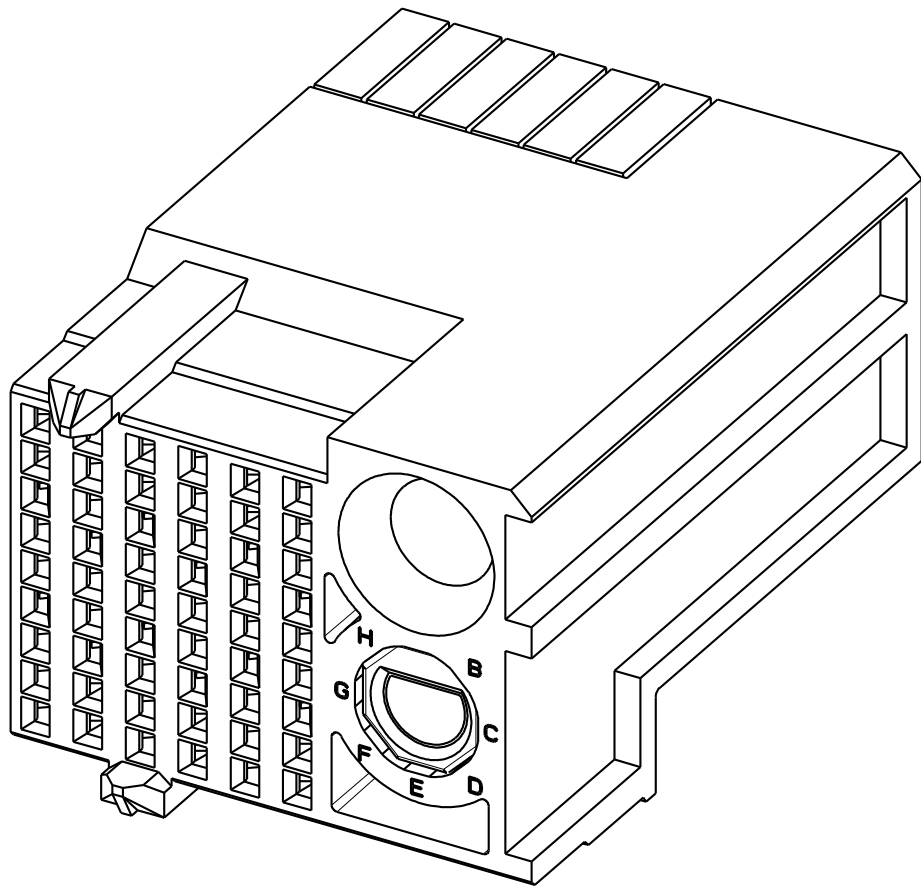
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305.

- 5 - PRODUCT MARKING, (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, AND I IN ODD COLUMNS AND A, D, AND G,
EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS
REQUIRE (Ø0.400) FINISHED HOLES.

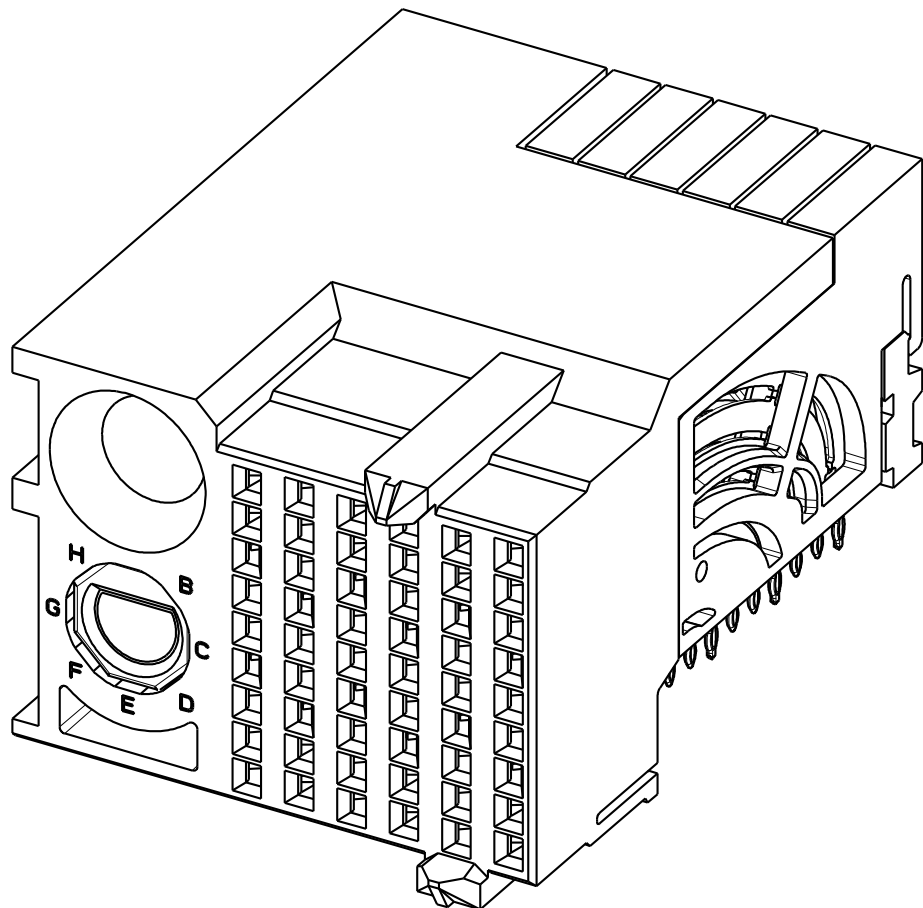
- 12 - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE
PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES
AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 13 - CUSTOMER CAN FIX THE CONNECTOR WITH THREAD FORMING SCREW THROUGH
THIS PTH. THE SCREW IS #2-32, THE VALID LENGTH OF SCREW IS 4.5MM PLUS THE
THICKNESS OF PCB.



DETAIL A
SCALE 20:1



10135262-10ALF



10135262-10PLF

spec ref	---	dr	Jerry Ren	2015/05/20	projection	MM	size	A2	scale	6:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2019/01/31	chr	Stone Li	ecn no	-		
	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Heaven Cen	2019/01/31	product family	AirMax VS2	rel level	Released		
surface	linear	0.X	±.3		Amphenol FCi	title	AIRMAX VSE R.A. RECEPTACLE	dwg no	10135262	rev
		0.XX	±.15							
		0.XXX	±.050							
	angular	0°	±°		cat. no.	-	Product - Customer Drw	sheet 4 of 4		