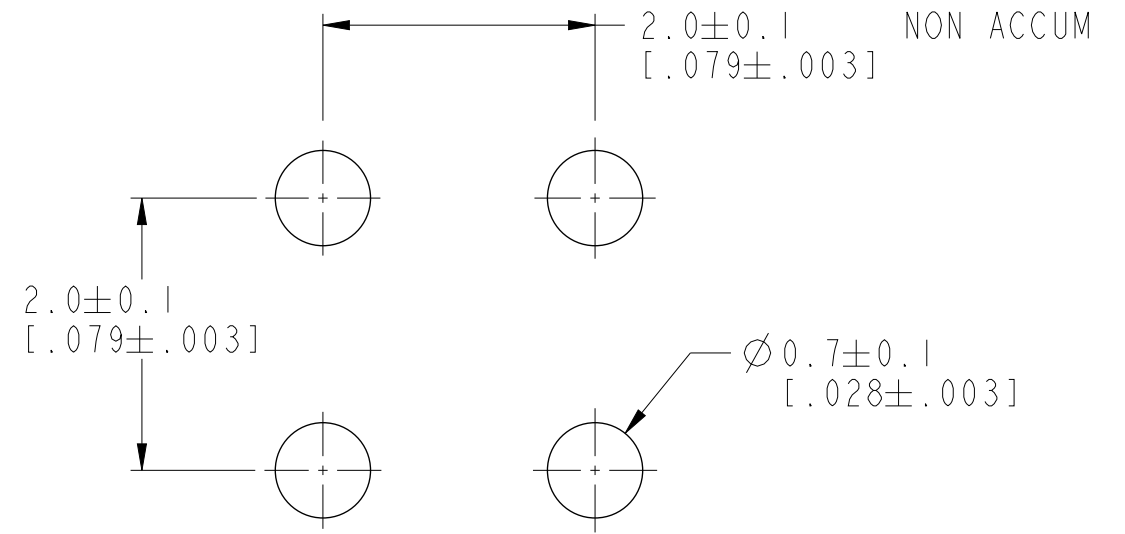
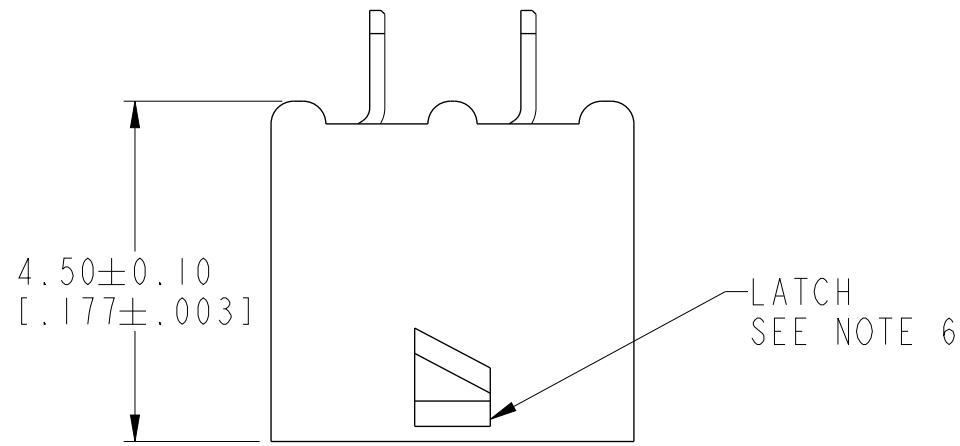
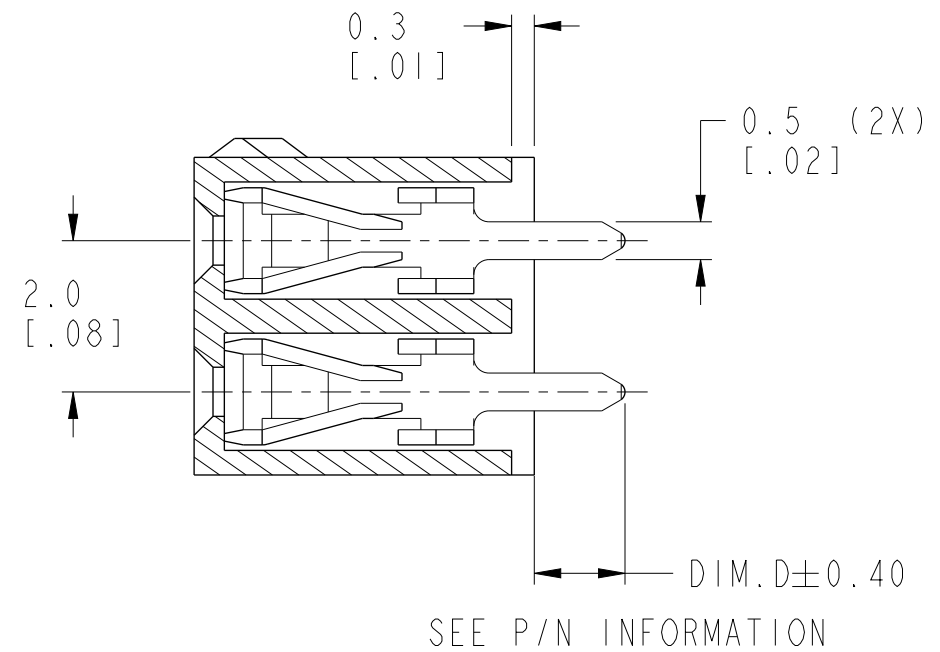
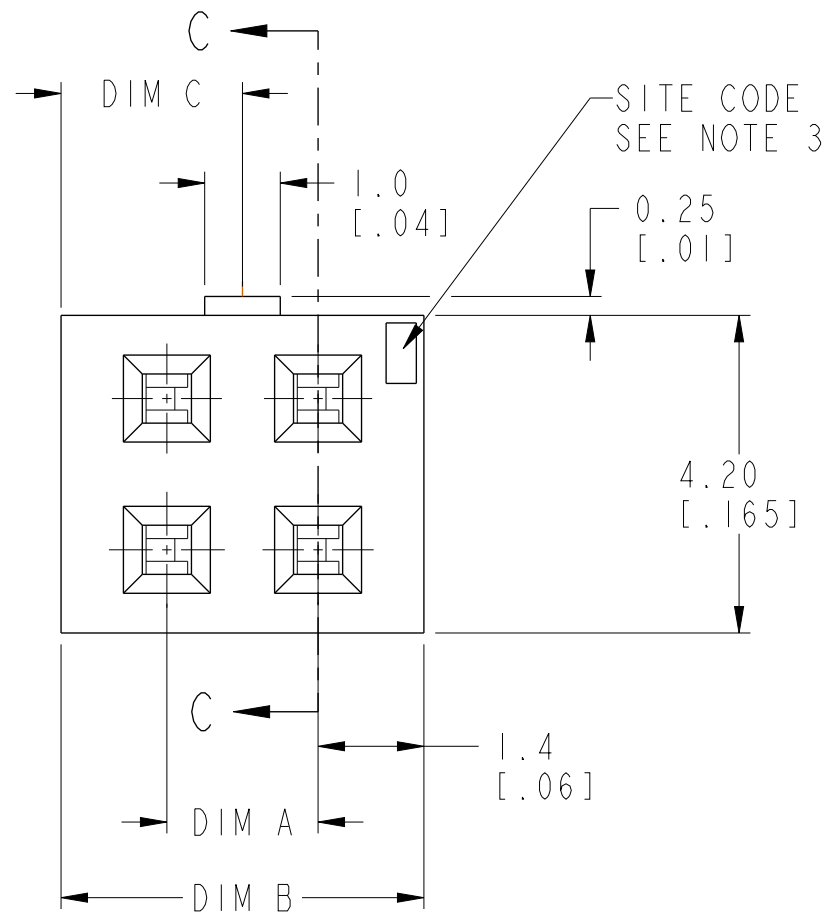


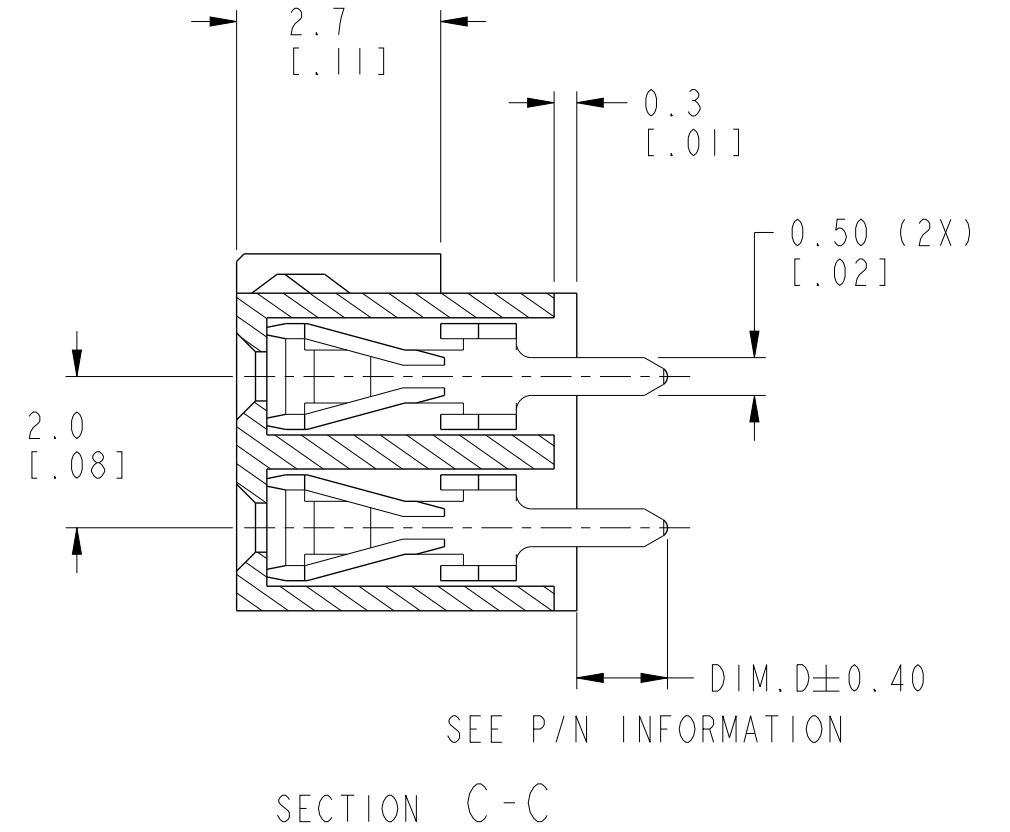
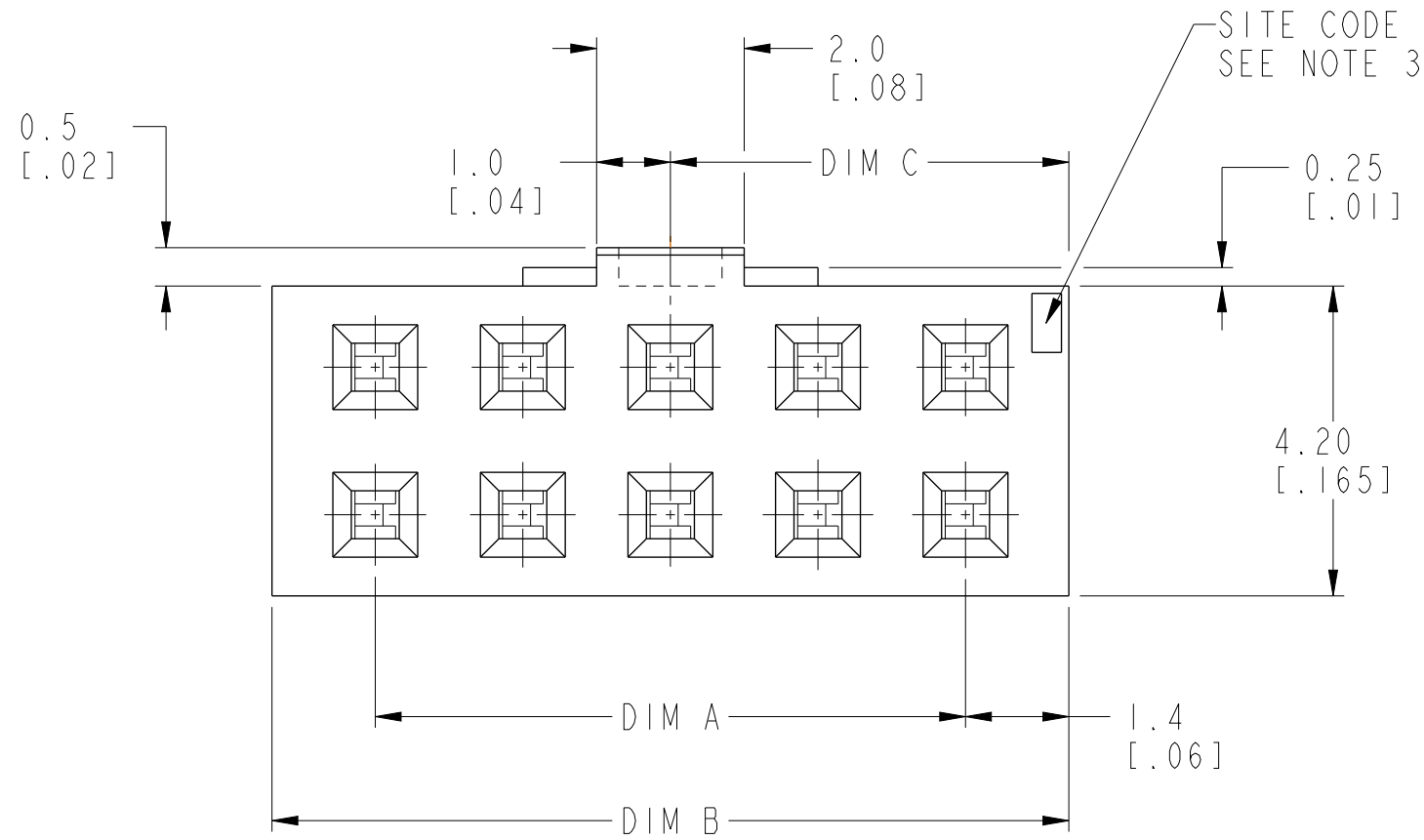
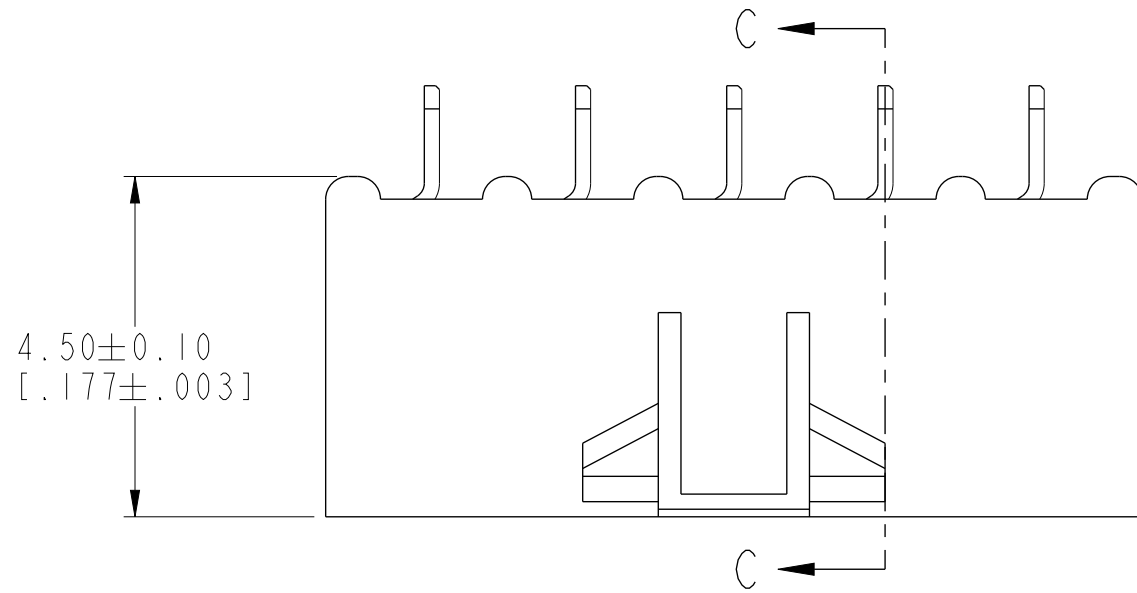


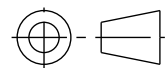
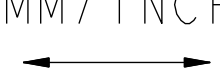
RECOMMENDED MOUNTING HOLE LAYOUT



SECTION C-C

spec ref -				dr	S.OLSON	1991-09-03	projection MM / INCH	size	A3	scale	18:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Y-Y Bao	2021-06-29		ecn no				ELX-N-41380-1
				chr	L-Q Lei	2021-06-29		rel level				Released
				appr		Tim Yao		2021-06-29	product family		-	
surface ISO 1302	linear	0.X	±0.3/.012	Amphenol FCI	title MINITEK VCC HSG. DBL. ROW W/LATCHING			dwg no 90310			rev P	
		0.XX	±0.13/.005									
		0.XXX	±0.051/.0020									
	angular	0°	±2°	cat. no.		-	Product - Customer Drw			sheet 1 of 3		



spec ref -				dr	S.SOLSON	1991-09-03			size	A3	scale	10:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Y-Y Bao	2021-06-29			ecn no	ELX-N-41380-1		
				chr	L-Q Lei	2021-06-29						
				appr	Tim Yao	2021-06-29						
product family							MINITEK			rel level		Released
surface ISO 1302	linear	0.X	±0.3/-.012		title MINITEK VCC HSG. DBL. ROW W/LATCHING			dwg no 90310			rev P	
		0.XX	±0.13/-.005									
		0.XXX	±0.051/-.0020									
	angular	0°	±2°		cat. no.	-	Product - Customer Drw				sheet 2 of 3	

A

B

C

D

PRODUCT NO	POSITIONS	DIM. A	DIM.B	DIM. C	LATCHING FEATURE	PIN DELETED
90310-X04	2 X 2	2.0/.08	4.8/.19	2.4/.09	1	/
90310-X06	2 X 3	4.0/.16	6.8/.27	3.4/.13	2	/
90310-X08	2 X 4	6.0/.24	8.8/.35	4.4/.17	▲	/
90310-X10	2 X 5	8.0/.32	10.8/.43	5.4/.21		/
90310-X12	2 X 6	10.0/.39	12.8/.50	6.4/.25		/
90310-X12K	2 X 6	10.0/.39	12.8/.50	6.4/.25		1,2,11,12
90310-X14	2 X 7	12.0/.47	14.8/.58	7.4/.29		/
90310-X16	2 X 8	14.0/.55	16.8/.66	8.4/.33		/
90310-X18	2 X 9	16.0/.63	18.8/.74	9.4/.37		/
90310-X20	2 X 10	18.0/.71	20.8/.82	10.4/.41		/
90310-X22	2 X 11	20.0/.79	22.8/.90	11.4/.45		/
90310-X24	2 X 12	22.0/.87	24.8/.98	12.4/.49		/
90310-X26	2 X 13	24.0/.95	26.8/1.06	13.4/.53		/
90310-X28	2 X 14	26.0/1.02	28.8/1.13	14.4/.57		/
90310-X30	2 X 15	28.0/1.10	30.8/1.21	15.4/.61		/
90310-X32	2 X 16	30.0/1.18	32.8/1.29	16.4/.65	▼	/
90310-X34	2 X 17	32.0/1.26	34.8/1.37	17.4/.69	2	/

NOTES:

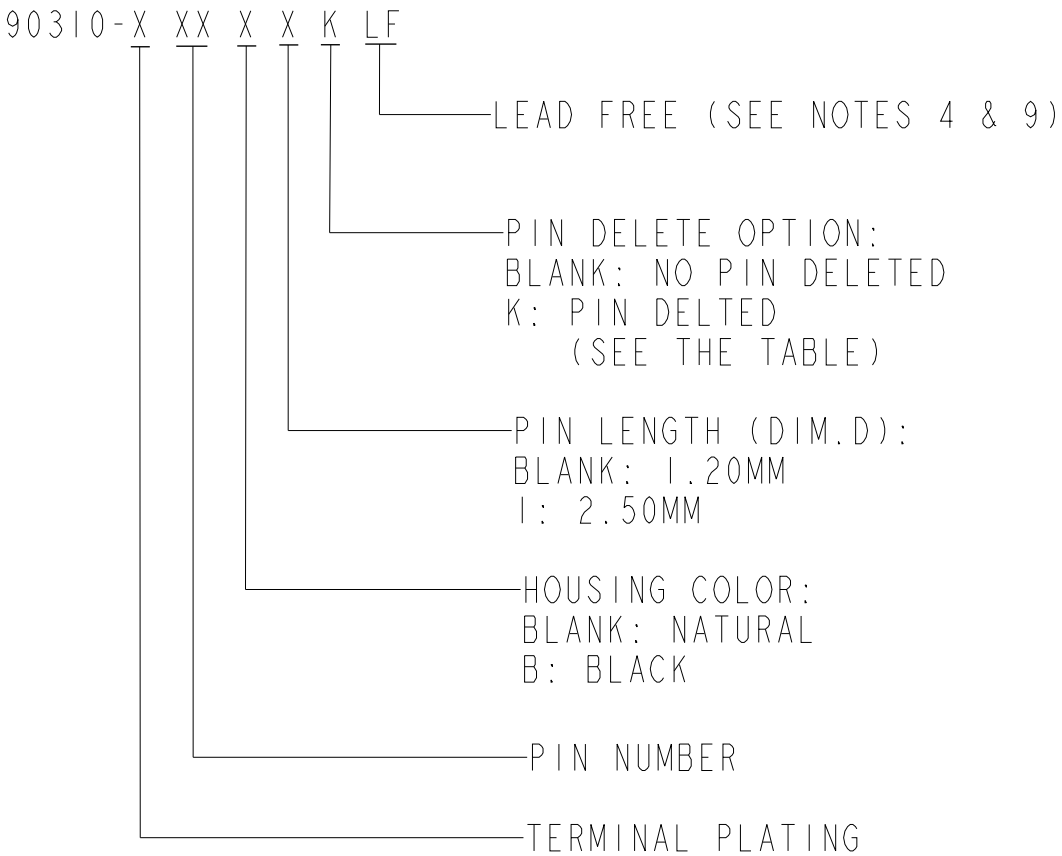
- ①. HOUSING MATERIAL: HIGH TEMPERATURE THERMOPLASTIC UL94V-0 COLOR NATURAL OR BLACK.
2. TERMINAL MATERIAL: COPPER ALLOY
- ③. SITE CODE INDICATES POS 1.
- ④. PLATING AT CONTACT:
Au OVER 1.27µm/500 Ni
- PLATING AT SOLDERTAIL:
(a) SOLDERTAIL OF P/N: 90310-XXX IS TIN/LEAD PLATED.
(b) SOLDERTAIL OF P/N: 90310-XXXLF IS 100% MATTE TIN PLATED.
5. FOR USE WITH MINITEK LATCHING HEADERS WHEN MATING AND UNMATING THE FORCES WILL BE APPROX 1 Kg/2.2 lbs. GREATER THAN THE FORCES DETAILED IN 110-036, PAR 3.5.3.5.
- ⑥. SHEET 1 SHOWS THE SINGULAR LATCHING FEATURE CONFINED TO THE 2X2.



3

4

PART NUMBER INFORMATION:



7. THIS HOUSING WILL WITHSTAND EXPOSURE TO 250°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
- ⑨. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

dr	SOLSON	1991-09-03	projection	MM / INCH	size	A3	scale	1:1
eng	Y-Y Bao	2021-06-29			ecn no	ELX-N-41380-1		
chr	L-Q Lei	2021-06-29			rel level	Released		
appr	Tim Yao	2021-06-29	product family	MINITEK				
Amphenol FCI		MINITEK VCC HSG. DBL. ROW W/LATCHING			dwg no	90310	rev	P
		cat. no.	-	Product - Customer Drw			sheet 3 of 3	