

PART NUMBER
10170158-XXXXXLF

A CODE / COLOR:ORANGE;COLOR CODE:RAL2008

B CODE / COLOR:ORANGE;COLOR CODE:RAL2008

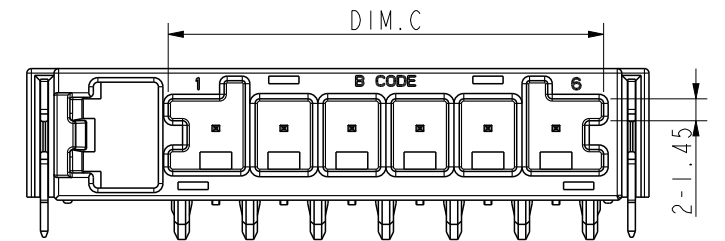
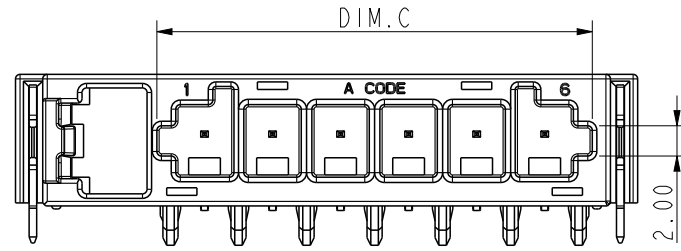
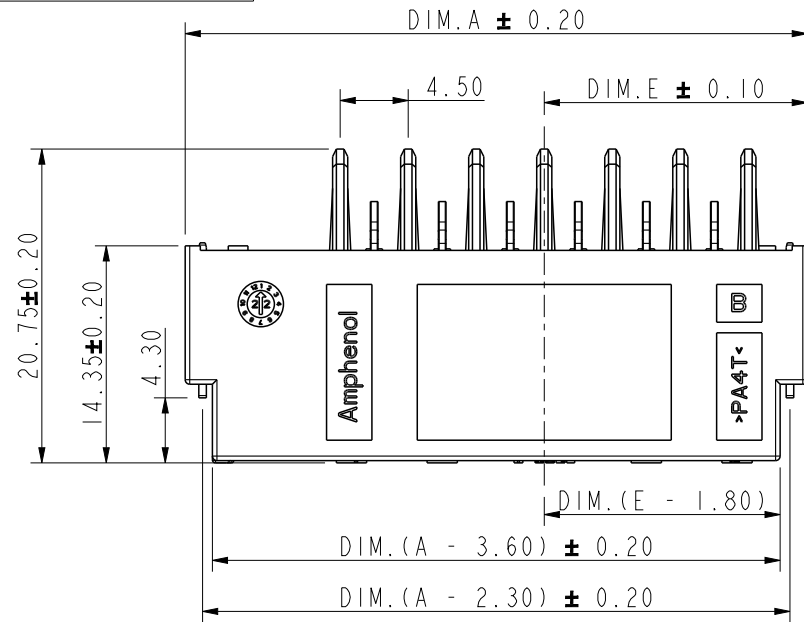
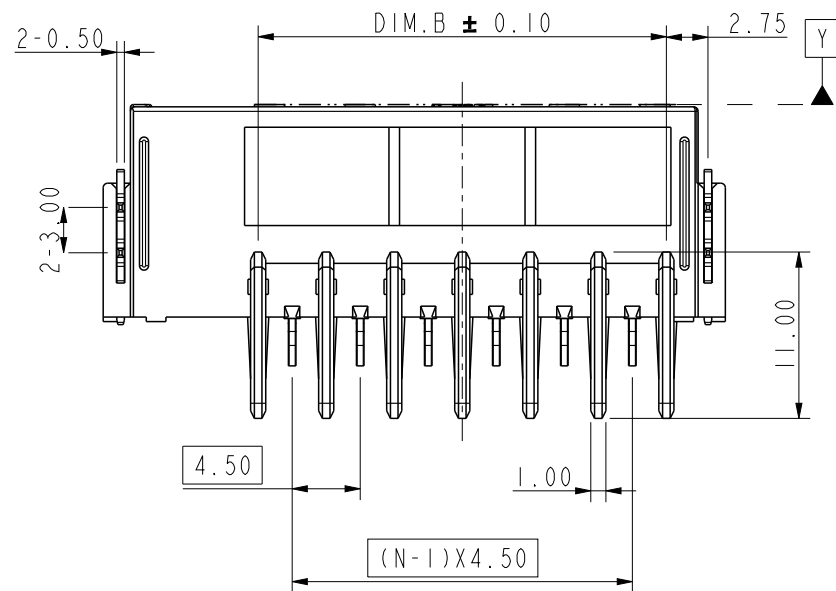
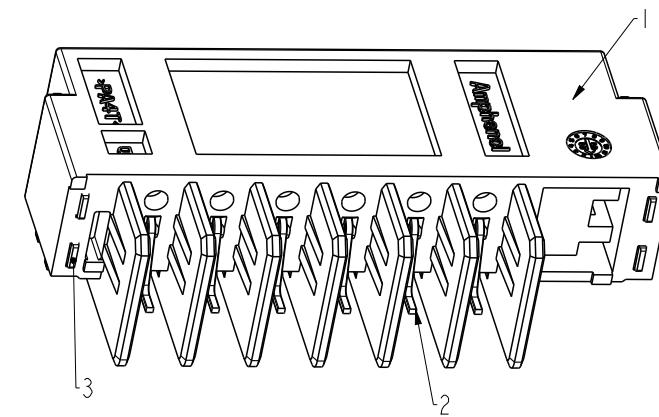
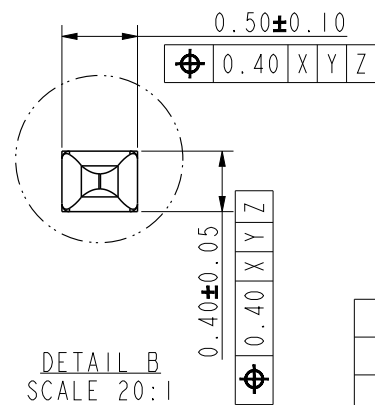
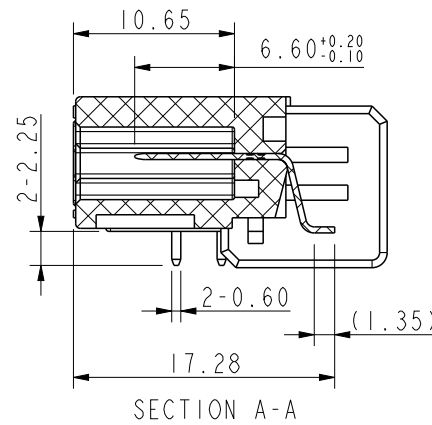
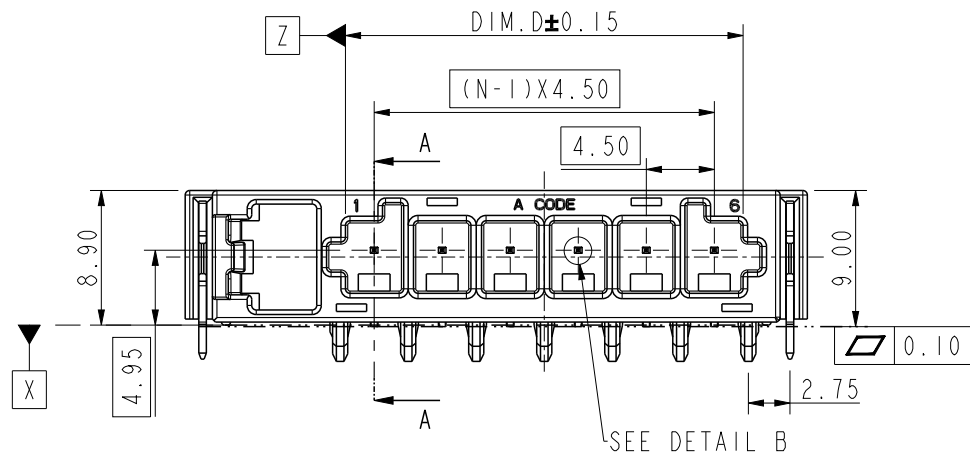


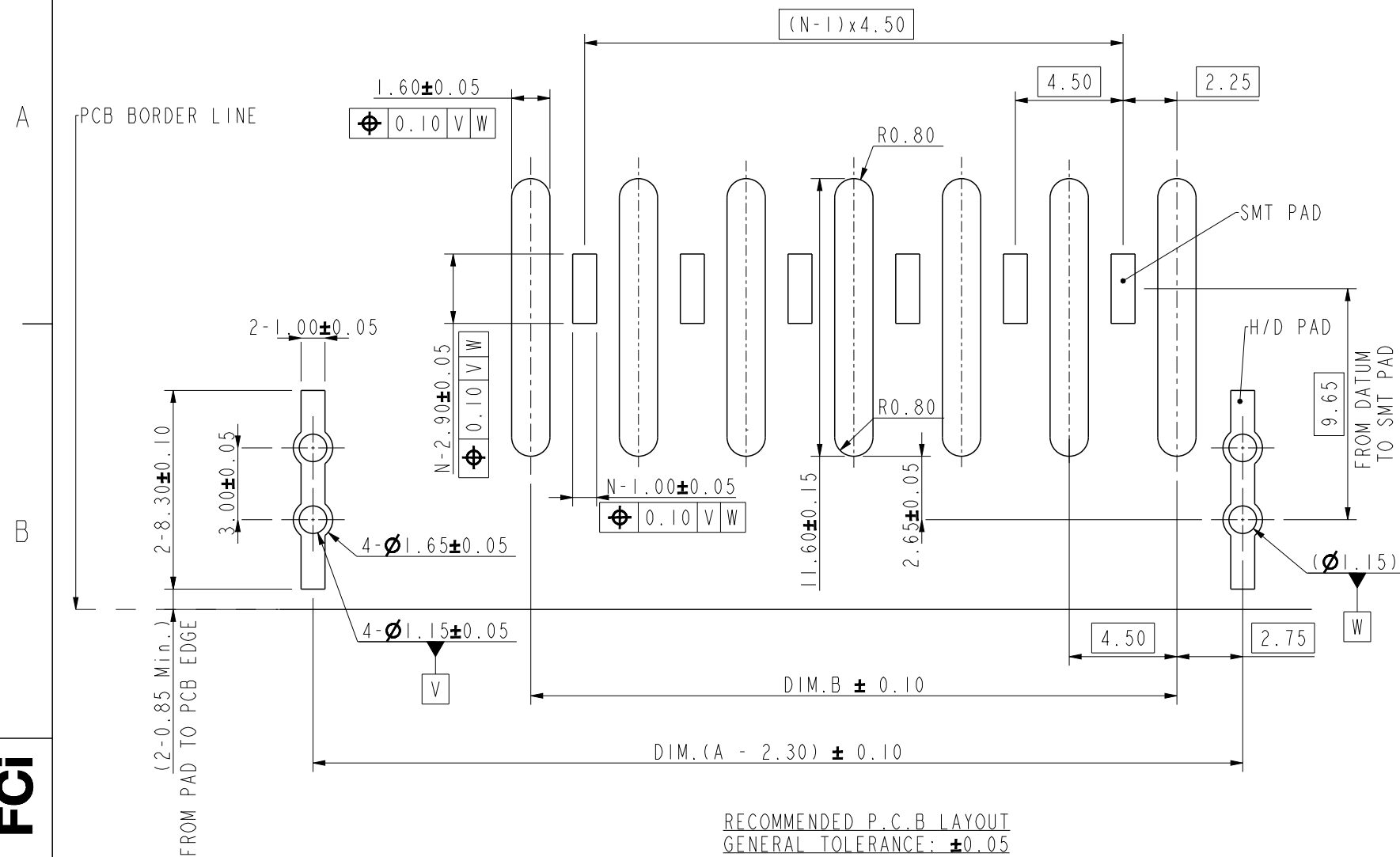
TABLE-1: PART NO. & DIMENSIONS FOR 3 PIN TO 10 PIN

POS.	PART NO.	DIM.A	DIM.B	DIM.C	DIM.D	DIM.E
03	10170158-X03XXLF	27.65	13.50	15.30	12.80	10.65
04	10170158-X04XXLF	32.15	18.00	19.80	17.30	12.90
05	10170158-X05XXLF	36.65	22.50	24.30	21.80	15.15
06	10170158-X06XXLF	41.15	27.00	28.80	26.30	17.40
07	10170158-X07XXLF	45.65	31.50	33.30	30.80	19.65
08	10170158-X08XXLF	50.15	36.00	37.80	35.30	21.90
09	10170158-X09XXLF	54.65	40.50	42.30	39.80	24.15
10	10170158-X10XXLF	59.15	45.00	46.80	44.30	26.40



3	SIDE LATCH HOLD DOWN	COPPOR ALLOY / STAINLESS STEEL	2	
2	0.5mm x 0.4mm SIDE LATCH SMD PIN	COPPOR ALLOY	N	
1	SIDE LATCH BOARD HOUSING;SMD	HIGHT TEMPERATURE THERMOPLASTIC ORANGE UL94 V-0	1	
No.	Components Desicription	Material Specifications	Q'ty	Remarks

spec ref	dr	Huang, Jeffrey	2023/07/21	projection	mm	size	A3	scale	2:1
tolerance std	eng	Song Yang	2026/05/29	chr	-	ecn no	ELX-N-291512-1	rel level	Released
ISO 406 ISO 1101	appr	Tim Yao	2026/06/04	product family		rel level	Released		
surface	linear	0.X	± 0.3	Amphenol FCi	title	SIDE LATCH R/A SMT HVLock Connector Series	dwg no	10170158	rev
ISO 1302	angular	0°	$\pm 2^\circ$	cat. no.		Product - Customer Drw	sheet 1 of 2		E



- NOTES:
1. ELECTRICAL CHARACTERISTICS:
 - 1.1 CURRENT RATING : 3A.
 - 1.2 CONTACT RESISTANCE: 25mΩ MAX (INITIAL).
 - 1.3 INSULATOR RESISTANCE: 100MΩ MIN.
 - 1.4 RATED VOLTAGE: 1200V AC
 - 1.5 OPERATION TEMPERATURE: -40 °C ~ +125 °C
 2. RECOMMENDED PCB THICKNESS IS 1.60mm.
 3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW.
 4. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 5. PART MUST BE FREE OF SURFACE FLAWS, MAXIMUM BURR 0.10MM.
 6. PIN TIP DETAILS ACCORDING TO EWCAP-001 TERMINAL 050-T001.
 7. PRODUCT SPECIFICATION: GS-12-1831.
 8. PACKAGE SPECIFICATION: GS-14-3001.
 9. PART NUMBER CODE: 10170158- X XX X X - LF

CONTACT MATERIAL & PLATING——
0-MATERIAL: COPPOR ALLOY
CONTACT AREA: REFLOW TIN
SOLDER AREA:REFLOW TIN
1-MATERIAL: COPPOR ALLOY
CONTACT AREA: SILVER PLATED
SOLDER AREA:MATTE TIN
3-MATERIAL: COPPOR ALLOY
CONTACT AREA: GOLD 0.76um
SOLDER AREA:MATTE TIN
4-MATERIAL: COPPOR ALLOY
CONTACT AREA: MATTE TIN
SOLDER AREA:MATTE TIN

FOR CUSTOMER CODE

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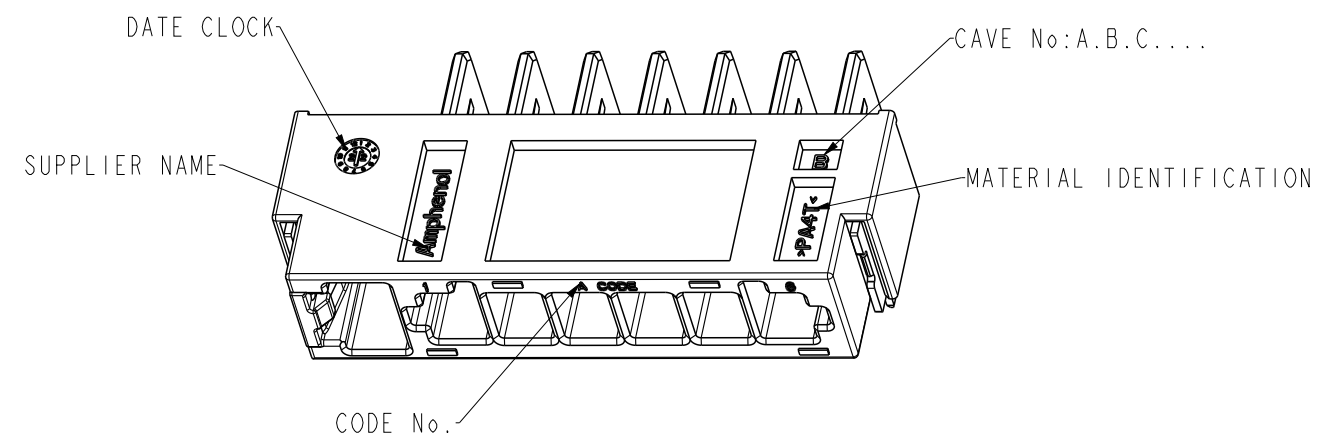
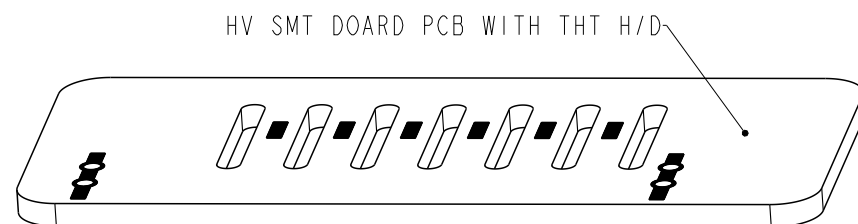
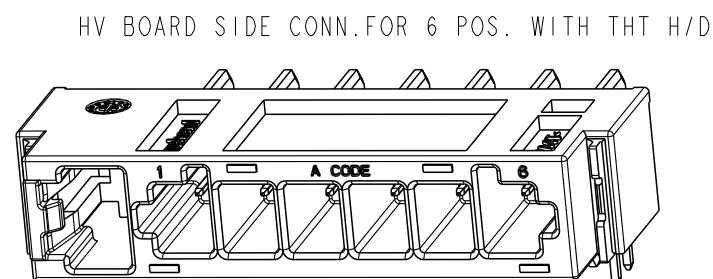
CODE TYPE
A  →  A CODE
B  →  B CODE

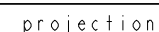
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—PACKAGING
K → TAPE & REEL
T → TRAY PACKAGE

— NUMBER OF POSITIONS

03	→	3 PINS
04	→	4 PINS
10	→	10 PINS



spec ref				dr	Huang, Jeffrey	2023/07/21			size	A3	scale	2:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Song Yang	2026/05/29			ecn no	ELX-N-291512-1			
				chr	-	-							
				appr	Tim Yao	2026/06/04			product family			rel level	Released
surface ISO 1302	linear	0.X	±0.3	Amphenol FCI	title	SIDE LATCH R/A SMT HVLock Connector Series			dwg no	10170158		rev	E
		0.XX	±0.15										
		0.XXX	±0.05										
	angular	0°	±2°		cat. no.	Product - Customer Drw			sheet 2 of 2				