

A

B

C

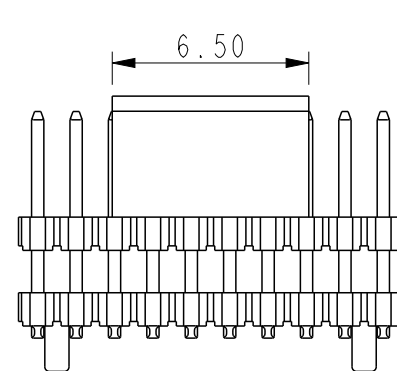
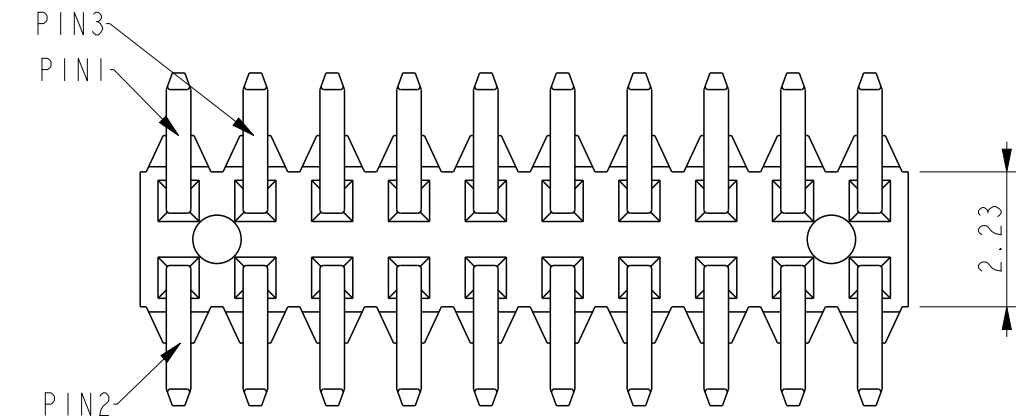
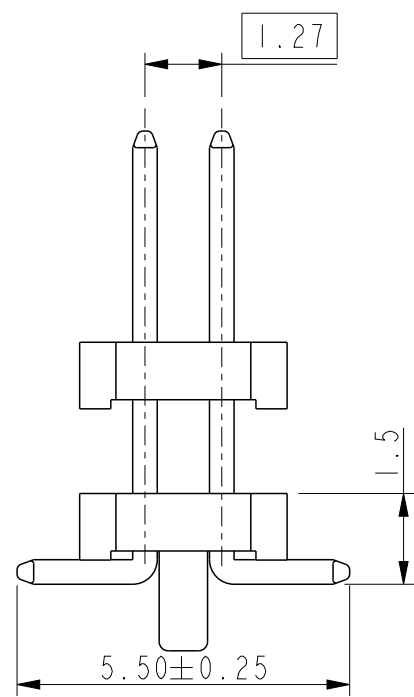
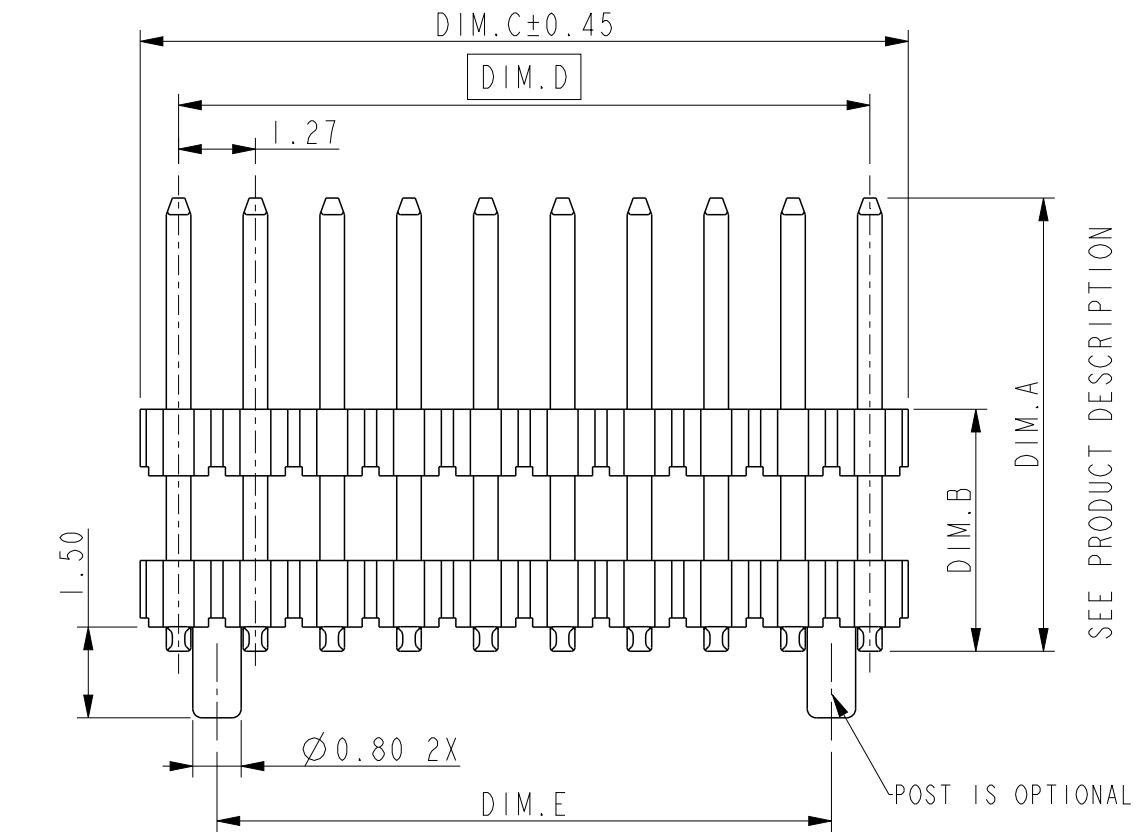
D

A

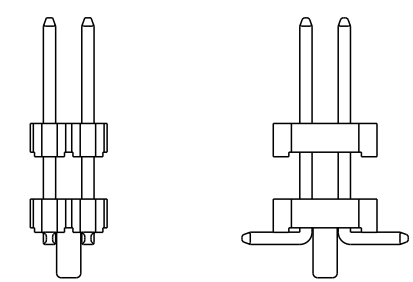
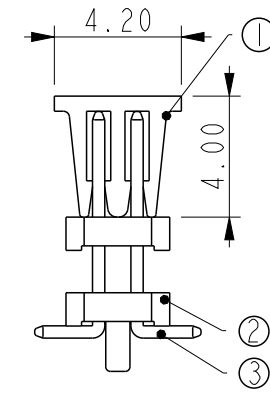
B

C

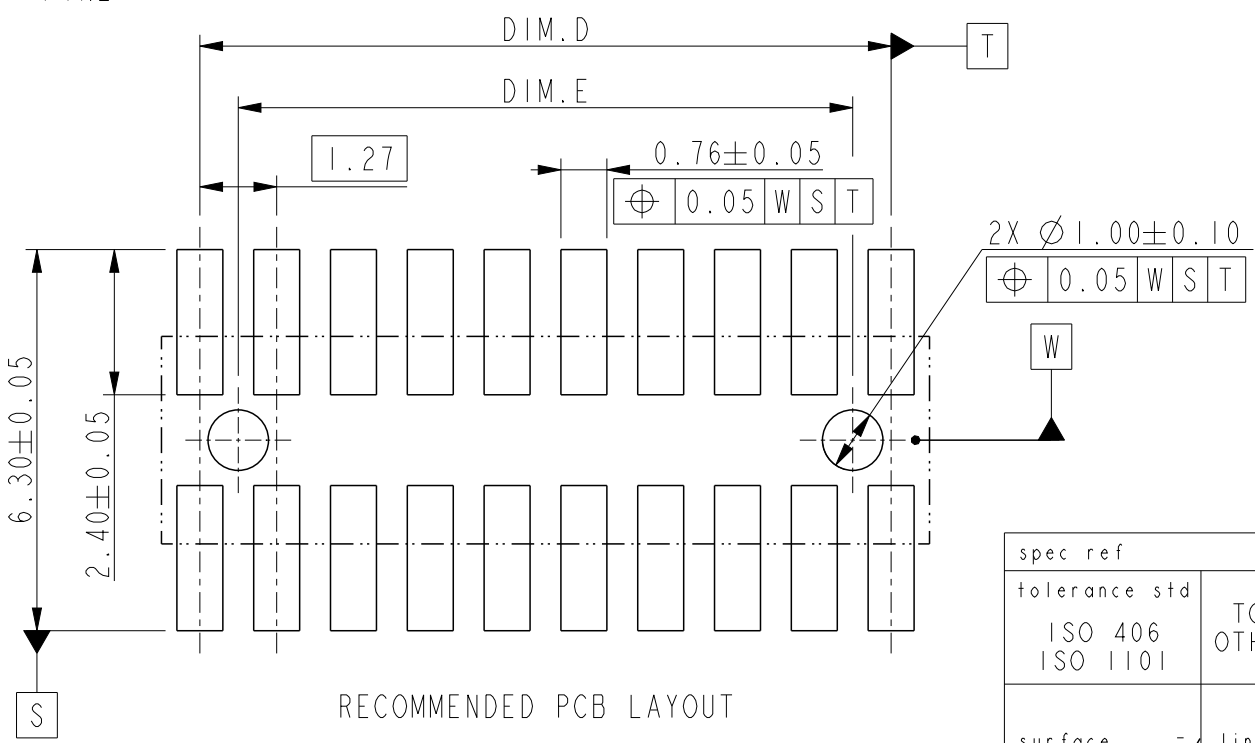
D



DIMENSION OF STANDARD CAP



4PIN WITH POST
(ONLY ONE POST)



3	CONTACT	COPPER ALLOY	1.27µm MIN. NICKEL PLATING OVERALL UNDERPLATED 1.27µm MIN. MATTE TIN ON SOLDER AREA GOLD OR GXT PLATING ON CONTACT AREA
2	HOUSING	THERMOPLASTIC UL 94V-0	MOLDED BLACK
1	CAP	THERMOPLASTIC UL 94V-0	MOLDED BLACK
ITEM	DESCRIPTION	MATERIAL	TREATMENT

spec ref	dr	Tian-Yu Tang	2023/05/29	projection	MM	size	A3	scale	1:1
tolerance std	eng	Mike Zhou	2026/06/01	chr	-	ecn no	ELX-N-291052-1	rel lev	PDF Released
ISO 406 ISO 1101	appr	Tim Yao	2026/06/04	product family	-	rel lev	PDF Released	rev	B
surface	linear	0.X	±0.35	Amphenol FCI	MINITEK 1.27 HEADER	dwg no	10170636	cat. no.	-
ISO 1312	angular	0°	±3°	amphenol-icc.com	VERTICAL SAMT TYPE	Product - Customer Drw	sheet 1 of 2		

- NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL DIMENSIONS ARE IN MILLIMETER, PER ASME Y14.5M-2009.
 2. ELECTRICAL CHARACTERISTICS:
 - 2-1 VOLTAGE RATING: 125 VAC MAX..
 - 2-2 CURRENT RATING: 1.0 A MIN., 30°C RISE ABOVE AMBIENT.
 - 2-3 CONTACT RESISTANCE: 20 MILLIOHMS MAX. INITIAL.
 - 2-4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC R.M.S..
 - 2-5 INSULATION RESISTANCE: 1000 MEGOHMS MIN..
 3. OTHER CHARACTERISTICS:
 - 3-1 PRODUCT SPEC.: GS-12-629
 - 3-2 PACKING SPEC.: GS-14-1517
 - 3-3 THE PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMP. FOR 10 SEC. IN A WAVE SOLDER OR REFLOW APPLICATION.
 - 3-4 STACKING HEIGHT AND MATING LENGTH IS DETERMINED BY CUSTOMER.
 - 3-5 MATE WITH: 20021311 / 20021321 / 20021323.

TABLE 1

P/N	POS.	DIM.C	DIM.D	DIM.E	
				WITHOUT POST	WITH POST
10170636-XXXX04XLF	2 X 2	2.54	1.27	/	/
10170636-XXXX06XLF	2 X 3	3.81	2.54		1.27
10170636-XXXX08XLF	2 X 4	5.08	3.81		2.54
10170636-XXXX10XLF	2 X 5	6.35	5.08		3.81
10170636-XXXX12XLF	2 X 6	7.62	6.35		5.08
10170636-XXXX14XLF	2 X 7	8.89	7.62		6.35
10170636-XXXX16XLF	2 X 8	10.16	8.89		7.62
10170636-XXXX18XLF	2 X 9	11.43	10.16		8.89
10170636-XXXX20XLF	2 X 10	12.7	11.43		10.16
10170636-XXXX22XLF	2 X 11	13.97	12.7		11.43
10170636-XXXX24XLF	2 X 12	15.24	13.97		12.7
10170636-XXXX26XLF	2 X 13	16.51	15.24		13.97
10170636-XXXX28XLF	2 X 14	17.78	16.51		15.24
10170636-XXXX30XLF	2 X 15	19.05	17.78		16.51
10170636-XXXX40XLF	2 X 20	25.4	24.13		22.86
10170636-XXXX50XLF	2 X 25	31.75	30.48		29.21

10170636- X X XX XX X LF

LEAD FREE OPTION

PACKING TYPE:
U: TUBE
P: TUBE WITH CAP
A: TAPE REEL WITH CAP

PIN NUMBER
(04 TO 100)

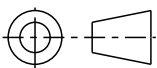
MATING LENGTH (DIM.A)&
STACKING HEIGHT (DIM.B):
SEE SHEET2

PLATING:
0: 1.27µm MATTE TIN OVERALL
1: GOLD FLASH ON CINTACT AREA
1.27µm MIN. MATTE TIN ON SOLDER AREA
3: 0.25GXT MIN. ON CONTACT AREA
1.27µm MIN. MATTE TIN ON SOLDER AREA
4: 0.25µm GOLD MIN. ON CONTACT AREA
1.27µm MIN. MATTE TIN ON SOLDER AREA

POST OPTION
0: WITHOUT POST
1: WITH POST

TABLE 2

ITEM		DIM A				
		6.15	7.11	8.05	8.61	10
DIM B	3.5	A1	A2	A3	A4	A5
	4.5	B1	B2	B3	B4	B5
	5.5	/	C2	C3	C4	C5
	6.5	/	/	D3	D4	D5
	7.5	/	/	/	/	E5

spec ref				dr		Tian-Yu Tang		2023/05/29		projection		MM		size		A3		scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Mike Zhou		2026/06/01						ecn no		ELX-N-291052-1									
ISO 406						chr		-		-																	
ISO 1101						appr		Tim Yao		2026/06/04								product family		-		rel lev		PDF Released			
surface		linear		0.X		±0.35		Amphenol FCI		title		MINITEK 1.27 HEADER						dwg no		10170636				rev		B	
				0.XX		±0.25																					
				0.XXX		±0.15																					
ISO 1312		angular		0°		±3°		amphenol-icc.com		cat. no.		-		Product - Customer Drw						sheet 2 of 2							