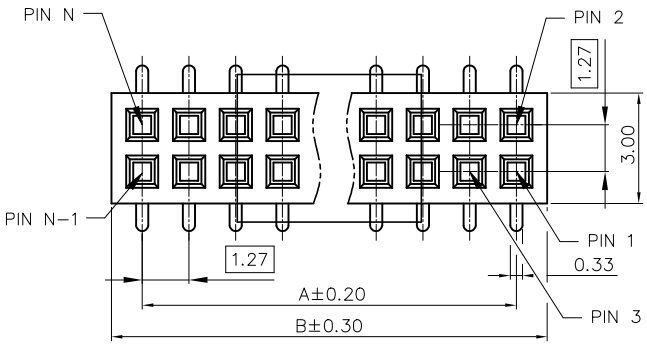
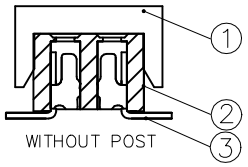
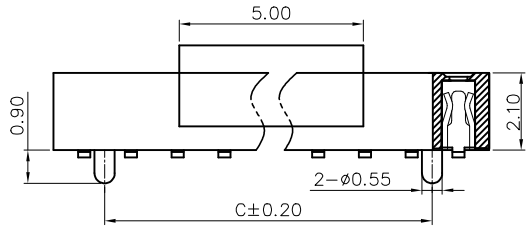
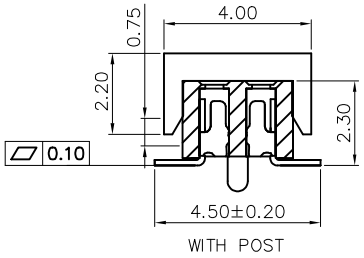
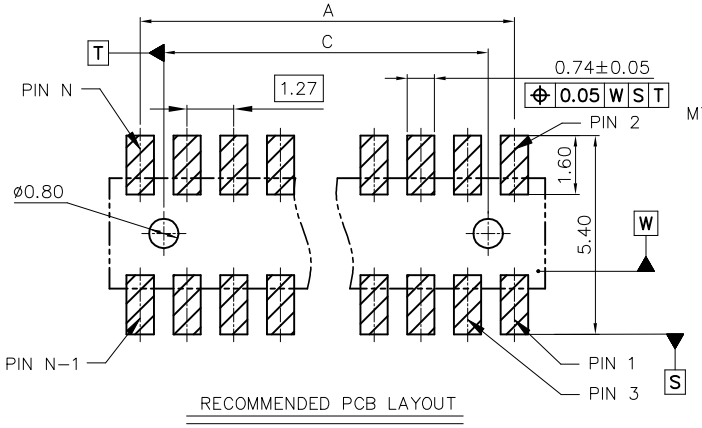










RECOMMENDED PCB LAYOUT

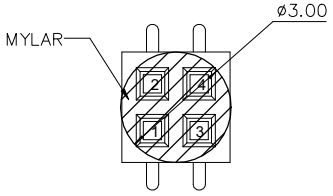


FIGURE 1

DIMENSION OF THE MYLAR FOR 4PIN (2*2) ONLY

NOTES: UNLESS OTHERWISE SPECIFICED

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 MAX. PER PIN, 30°C RISE ABOVE AMBIENT.
   - 2-3 CONTACT RESISTANCE: 20 MILLIOHMS MAX. FOR INITIAL, 40 MILLIOHMS MAX. AFTER TEST.
   - 2-4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC R.M.S..
   - 2-5 INSULATION RESISTANCE: 1000 MEGOHMS MIN..
3. OTHER CHARACTERISTICS:
   - 3-1 THE PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TERMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.
   - 3-2 PRODUCT SPEC: GS-12-629.
   - 3-3 MATE WITH: 10166143.
   - 3-4 PRODUCT MEETS ERUOPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

10165448 - 0 0 X XX X X LF

- LF: LEAD FREE
- X: PLATING
  - 1: GOLD FLASH ALL OVER
  - 2: 0.76μm GOLD ON CONTACT AREA, 2.54μm TIN ON SOLDER AREA, 0.76μm NICKEL UNDER PLATED
- X: PACKING
  - C: TAPE REEL WITH CAP (06~30PIN)
    TAPE REEL WITH MYLAR (04PIN, SEE FIGURE 1)
- XX: PIN COUNT SEE TABLE 1
  - 04: 2*02
  - .....
  - 30: 2*15
- X: POST OPTION
  - 0: WITHOUT POST
  - 1: WITH POST

ITEM	DESCRIPTION	MATERIAL	TREATMENT
3	CONTACT	COPPER ALLOY	0.76μm MIN. NICKEL PLATING OVERALL UNDERPLATED 2.54μm MIN. TIN OR G/F PLATING OVER NICKEL AT TAIL GOLD PLATING ON CONTACT AREA
2	HOUSING	THERMOPLASTIC UL 94V-0	MOLDED BLACK
1	CAP	THERMOPLASTIC UL 94V-0	MOLDED BLACK

ltr	ecn no	dr	date
A	-	SANFORD LU	05/29/23
B	ELX-N-291051	GRACE LIU	03/20/26

dr	GRACE LIU	03/20/26
engr	GRACE LIU	03/20/26
chr	L-Q LEI	03/20/26
appd	TIM YAO	03/20/26

mat'l. code

surface ISO 1302 | tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles 0°±2° | linear 0.X±0.30, 0.XX±0.20, 0.XXX±0.10

projection | mm | scale 2:1

product family: HPL 585

title: MINITEK 1.27

dwg no 10165448 | sheet 1 of 2 | size A3

type: Product Customer Drawing

sheet index | revision B | sheet 1

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TABLE 1

CODE	POLES	DIMENSIONS (mm)		
		A	B	C
04	2*02	1.27	2.94	
06	2*03	2.54	4.21	1.27
08	2*04	3.81	5.48	2.54
10	2*05	5.08	6.75	3.81
12	2*06	6.35	8.02	5.08
14	2*07	7.62	9.29	6.35
16	2*08	8.89	10.56	7.62
18	2*09	10.16	11.83	8.89
20	2*10	11.43	13.10	10.16
22	2*11	12.70	14.37	11.43
24	2*12	13.97	15.64	12.70
26	2*13	15.24	16.91	13.97
28	2*14	16.51	18.18	15.24
30	2*15	17.78	19.45	16.51

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product family: HPL 585

title: MINITEK 1.27

dwg no 10165448 sheet 2 of 2 size A3

type Product Customer Drawing

sheet index	revision	B
	sheet	2