

**PRODUCT NUMBER STRUCTURE**

10164228 - AAABCDEF

No. of Pins:  
 010=10Pin; 012=12Pin  
 020=20Pin; 024=24Pin  
 030=30Pin; 034=34Pin  
 040=40Pin; 044=44Pin  
 050=50Pin; 060=60Pin  
 070=70Pin; 080=80Pin  
 090=90Pin; 100=100Pin

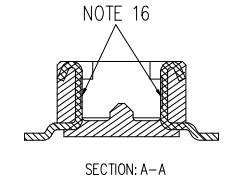
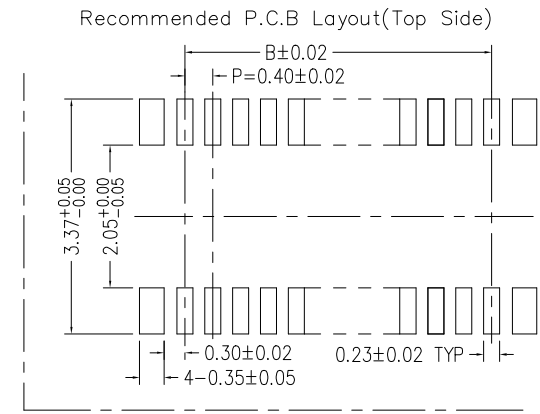
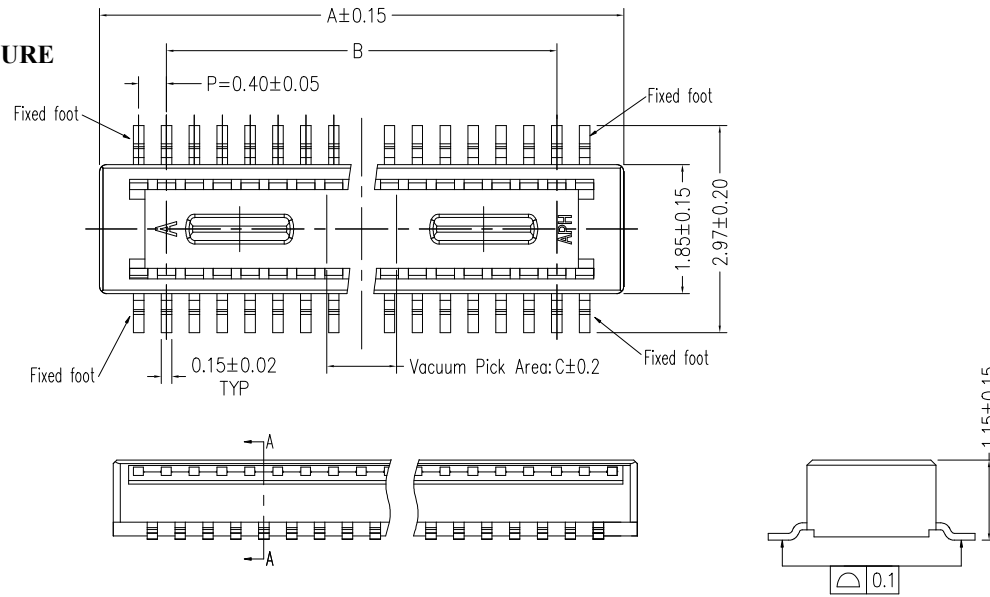
Height:  
 1=1.15mm

Contact plating:  
 A=Gold flash  
 B=8u" Min. AU  
 C=15u" Min. AU

Hold down:  
 1=Without hold down

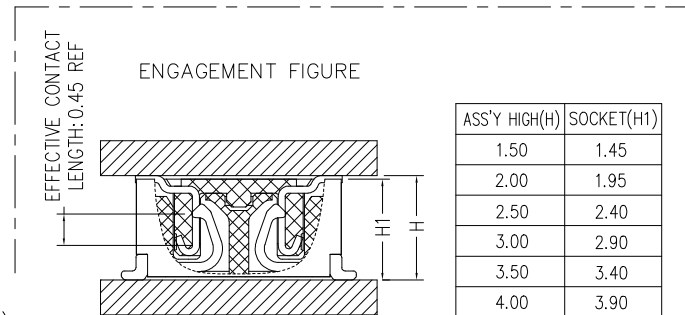
Packing:  
 R=Tape & Reel

LF:  
 LF=Lead free



**Note**

- CURRENT RATING: 0.3A ;
- VOLTAGE RATING: 30V AC ;
- CONTACT RESISTANCE: 90mΩ Max;
- WITHSTAND VOLTAGE : 100V AC;
- INSULATION RESISTANCE: 50MΩ Min;
- INSULATOR MATERIAL: LCP,G.F,UL94V-0,BK;
- CONTACT MATERIAL: Copper Alloy;
- CONTACT PLATING:  
 GOLD FLASH ON CONTACT AREA(SEE ORDERING INFORMATION),  
 50μ" NICKEL UNDERPLATING OVERALL;
- CO-PLANARITY FOR CONTACT TAILS MUST BE 0.1mm MAX.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10SECONDS IN A REFLOW SOLDERING OVEN.
- RECOMMENDED STENCIL THICKNESS IS 120um.
- RECOMMENDED STENCIL OPENING RATIO IS 80%.
- PRODUCT SPEC : GS-12-1404.
- THE DOCUMENT MAY BE CHANGED WITHOUT PRIOR NOTICE.
- 10 TO 50 POSITIONS HAVE LOCKING FEATURE BY CONCAVE DESIGN ON CONTACT;  
 60 TO 100 POSITIONS HAVE NO CONCAVE DESIGN ON CONTACTS.



PART NO.	NO. of contacts	A	B	C
10164228-0101A1RLF	10	3.52	1.60	1.0
10164228-0201A1RLF	20	5.52	3.60	1.0
10164228-0241A1RLF	24	6.32	4.40	1.2
10164228-0301A1RLF	30	7.52	5.60	1.5
10164228-0341A1RLF	34	8.32	6.40	2.3
10164228-0401A1RLF	40	9.52	7.60	3.2
10164228-0441A1RLF	44	10.32	8.40	3.2
10164228-0501A1RLF	50	11.52	9.60	3.2
10164228-0601A1RLF	60	13.52	11.60	3.2
10164228-0701A1RLF	70	15.52	13.60	3.2
10164228-0801A1RLF	80	17.52	15.60	3.2
10164228-0901A1RLF	90	19.52	17.60	3.2
10164228-1001A1RLF	100	21.52	19.60	3.2
10164228-1201A1RLF	120	25.52	23.60	3.2

mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO		projection 1101		product family BERGSTAK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
A	-	YY	2022/04/01	angles	linear	.0±.25		HEADER	
B	ELX-N-46224-1	YY	2022/11/14	0°±2'		.00±.20		BERGSTAK 0.4MM BTB	
						.000±.10		scale 1:1	
		dr	Bob Gu	2022/11/14				dwg no	
		engr	Y-Y Bao	2022/11/14				sheet 1 of 1	
		chr	L-Q Lei	2022/11/14				size	
		appd	Tim Yao	2022/11/14				10164228	
								type Product Customer Drawing	
sheet index	revision sheet	B	1						