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Amphenol
FCI

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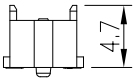
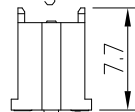
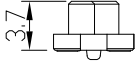
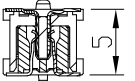
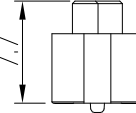
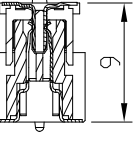
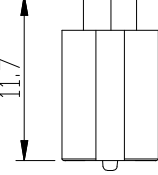
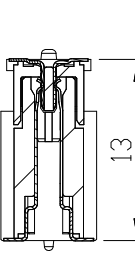
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D

10135583 - AA B C D E FF

AA	POSITION
64	2X32

B	FOR PLUG, SEE DWG. NO. 10135584	
COMBINATION OF MATED HEIGHT	Plug 1	Plug 4
		
Recep 1		
Recep 2		
Recep 3		

E	PACKAGING
2	T&R WITH METAL CAP
Q	T&R WITHOUT CAP

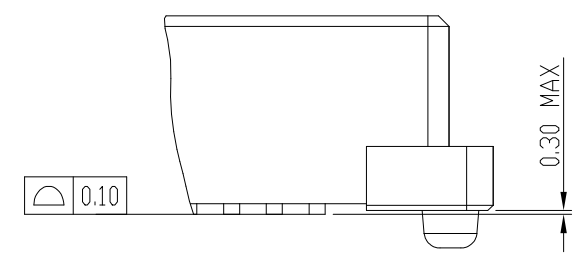
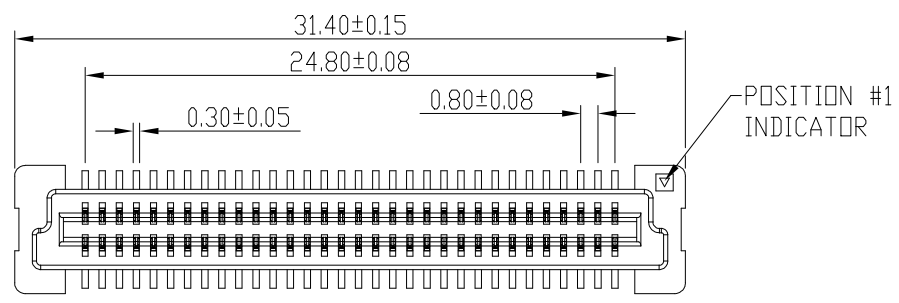
D	POLARIZATION PEG
0	YES

C	PLATING	FF
4	GOLD 0.2um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27umMIN	LF
5	GOLD 0.38um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27umMIN	LF
6	GOLD FLASH (0.065um MIN) OVER PALLADIUM-NICKEL 0.69um MIN / PURE TIN 2um MIN (LEAD FREE) NICKEL UNDERPLATE OVERALL 1.27um MIN	LF

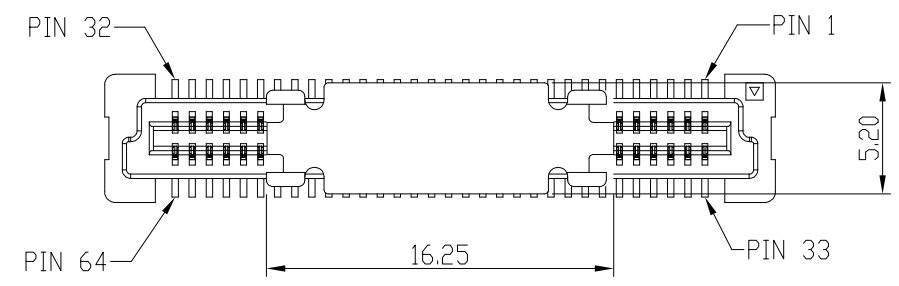
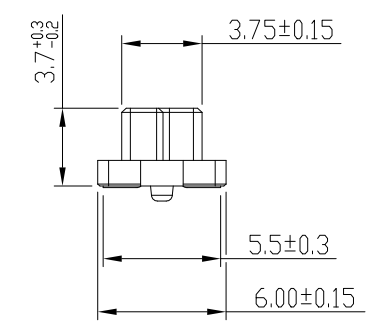
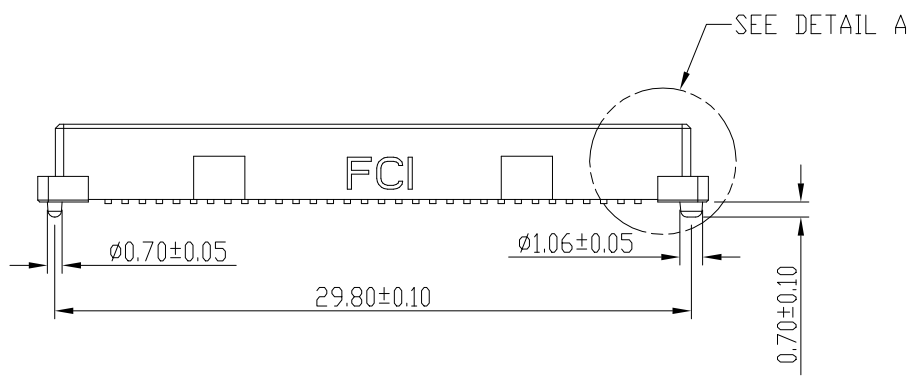
NOTES:

1. MATERIAL
HOUSING: HIGH THERMOPLASTIC, UL 94V-0
TERMINAL: COPPER ALLOY
2. PLATING
AS SHOWN IN TABLE.
3. SEE GS-12-547 FOR PRODUCT SPEC.
4. PRODUCT WILL BE PACKED IN ACCORDANCE TO GLOBAL PROCEDURE GS-14-920.
5. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
6. THE HOUSING WITH WITHSTAND EXPOSURE UP TO 260~ PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR REFLOW OVEN.

mat'l. code				surface	tolerance	projection	product family
				ISO 1302	ISO 406 ISO 1101		BERGSTAK 0.8MM
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title
A		Jim	06/05/15	angles	.X±.20		RECEPTACLE ASSY
B	ELX-8-25517-1	Bob	12/02/16	linear	.XX±.15		BERGSTAK 0.8MM
C	ELX-N-27438	Bob	07/11/17	X'±2'	.XXX±.10	scale 1:1	
D	ELX-N-28877	Bob	12/26/17	dr	Jim Meng	06/05/15	dwg no
E	ELX-N-32150	Bob	12/12/18	chr	Bob Gu	12/12/18	sheet 1 of 5
				appd	LQ Lei	12/12/18	size
					Tim Yao	12/12/18	A3
sheet	revision	A	B	C	D	E	type
index	sheet	1~3	1~3	1~5	1~5	1~5	Product Customer Drawing

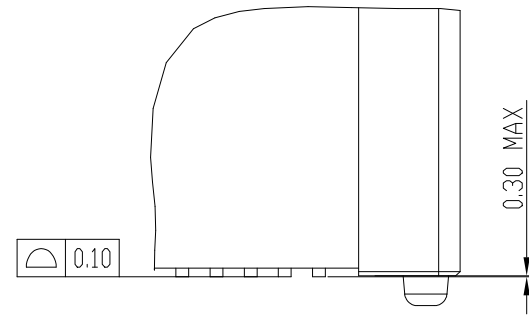
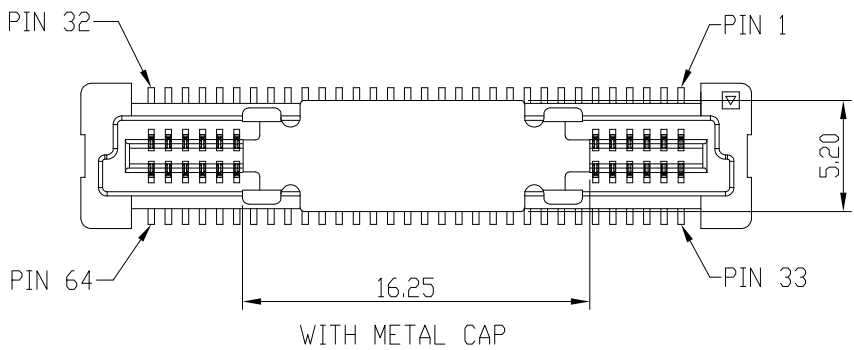
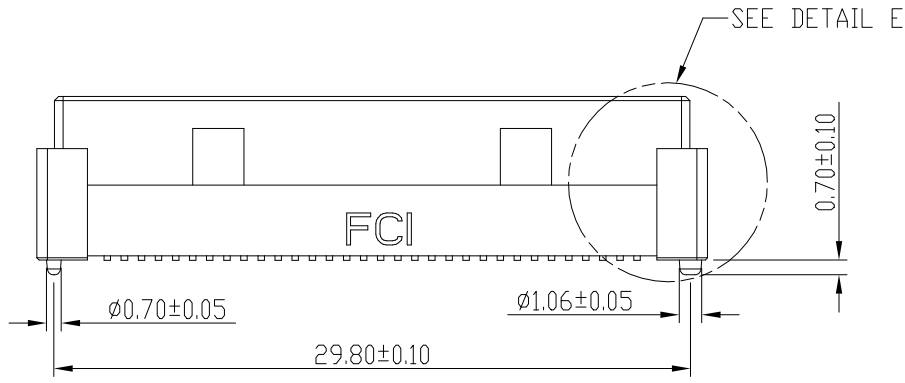
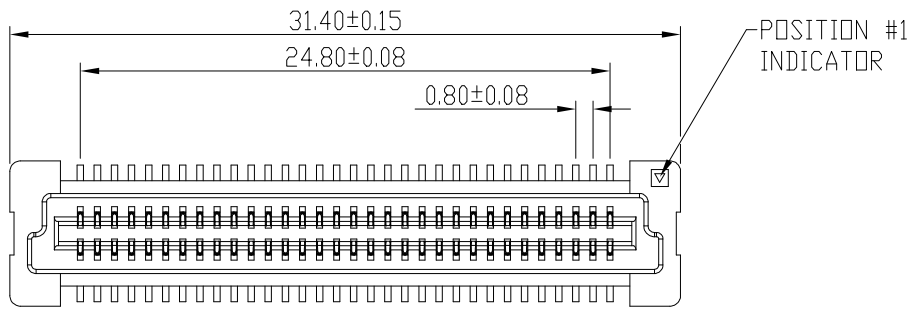


DETAIL A
SCALE 10:1

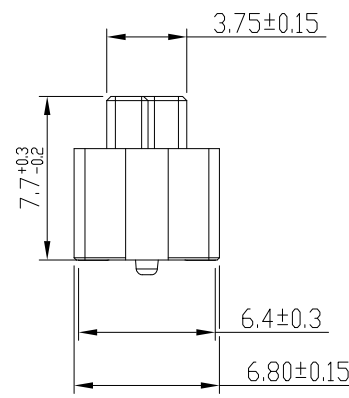


RECEPTACLE 1

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BERGSTAK 0.8MM			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title RECEPTACLE ASSY BERGSTAK 0.8MM			
E				angles	linear	.X±.20		mm					
						.XX±.15							
						.XXX±.10		scale 1:1					
				dr	Jim Meng	06/05/15				dwg no		sheet 2 of 5	size
				enrg	Bob Gu	12/12/18				10135583			A3
				chr	LQ Lei	12/12/18							
				appd	Tim Yao	12/12/18				type		Product	Customer
sheet index	revision sheet	E	1~5										

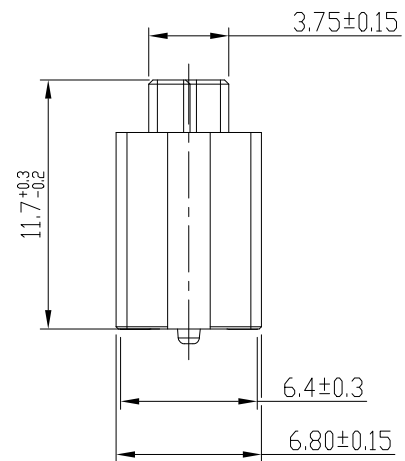
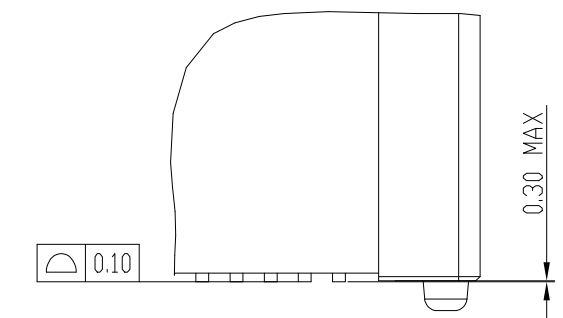
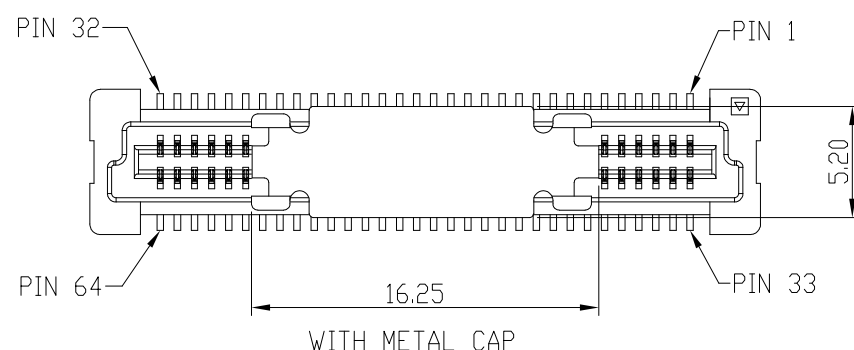
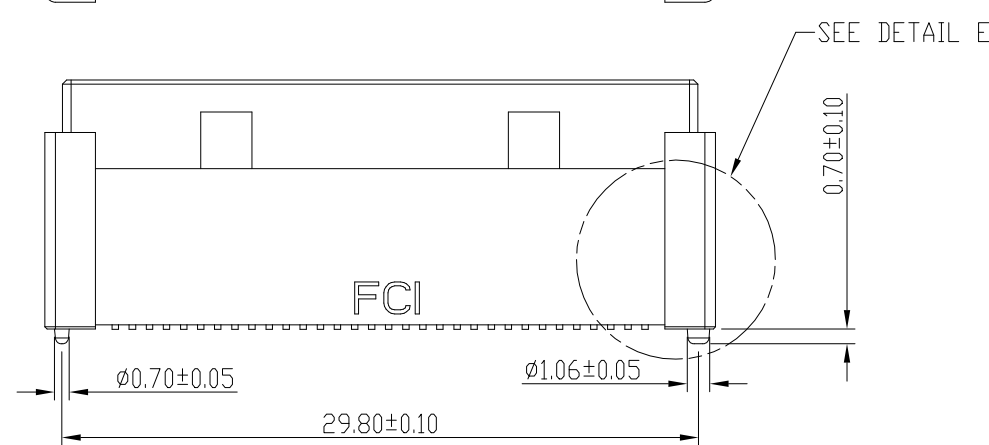
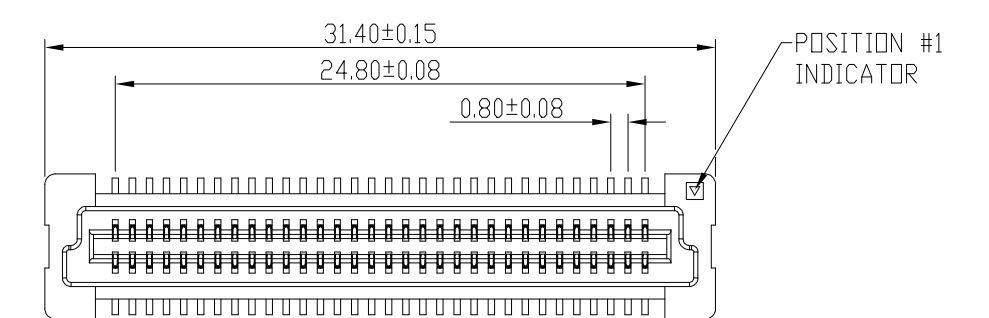


DETAIL E
SCALE 8:1



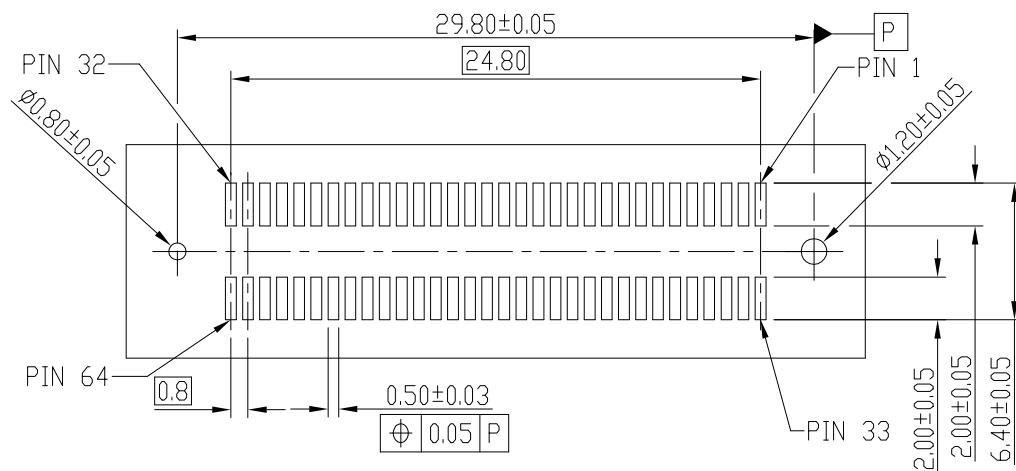
RECEPTACLE 2

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTAK 0.8MM			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm ←→	title RECEPTACLE ASSY BERGSTAK 0.8MM			
E				angles	linear					
				$X \pm 2^\circ$						
				dr	Jim Meng	06/05/15	Amphenol FCI	dwg no		sheet 3 of 5
				enr	Bob Gu	12/12/18		10135583		size A3
				chr	LQ Lei	12/12/18				
				appd	Tim Yao	12/12/18		type Product Customer Drawing		
sheet index	revision	E		sheet	1~5					

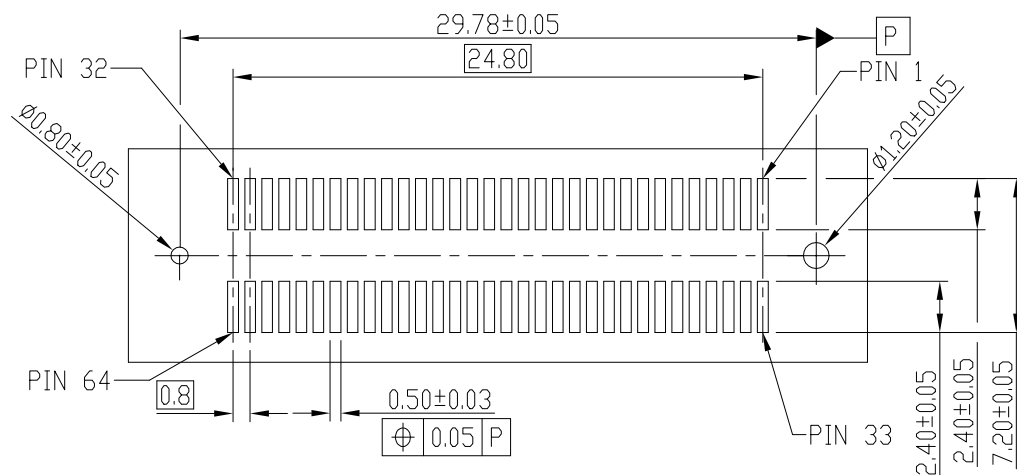


RECEPTACLE 3

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTAK 0.8MM			
ltr	ecn	no	dr	date	tolerances unless otherwise specified					title RECEPTACLE ASSY BERGSTAK 0.8MM			
E					angles	linear	.X±.20						
							.XX±.15	scale 1:1					
					X*±2*		.XXX±.10						
					dr	Jim Meng	06/05/15			dwg no		sheet4 of 5	size
					enr	Bob Gu	12/12/18			10135583		A3	
					chr	LQ Lei	12/12/18						
					appd	Tim Yao	12/12/18			type		Product	Customer
sheet index		revision sheet		E 1~5									



RECOMMENDED PCB LAYOUT WITH PEGS
FOR RECEP 1



RECOMMENDED PCB LAYOUT WITH PEGS
FOR RECEP 2&3

mat'l. code				surface ☒ ISO 1302		tolerance ☒ ISO 406 ☒ ISO 1101			product family BERGSTAK 0.8MM				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title RECEPTACLEG ASSY BERGSTAK 0.8MM			
E				angles	linear	.X±.20		scale 1:1					
						.XX±.15							
				X'±2'	.XXX±.10								
				dr	Jim Meng	06/05/15			dwg no		sheet5 of 5	size	
				enr	Bob Gu	12/12/18			10135583		A3		
				chr	LQ Lei	12/12/18							
				appd	Tim Yao	12/12/18							
sheet index	revision sheet	E	1~5							type	Product	Customer	Drawing