

10144517- AA B C D E F F

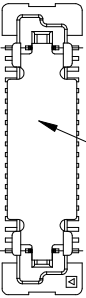
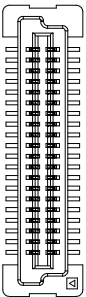
AA	POSITION
02	2X10
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60

B FOR PLUG, SEE DWG. NO. 10144518				
COMBINATION OF MATED HEIGHT	Plug 1	Plug 2	Plug 3	Plug 4
Recep 1				
Recep 2				
Recep 3				
Recep 4				

E	PACKAGING
2	T&R WITH METAL CAP
3	T&R WITHOUT CAP
6	T&R WITH KAPTON TAPE

D	POLARIZATION PEG HOLD DOWN
0	YES
2	NO

C	PLATING ON CONTACT AREA	FF
8	GOLD FLASH (0.05µm MIN) ON CONTACT AREA; PURE TIN 2.5µm MIN (LEAD FREE) ON SOLDER TAIL NICKEL UNDERPLATE OVERALL 127µm MIN	LF

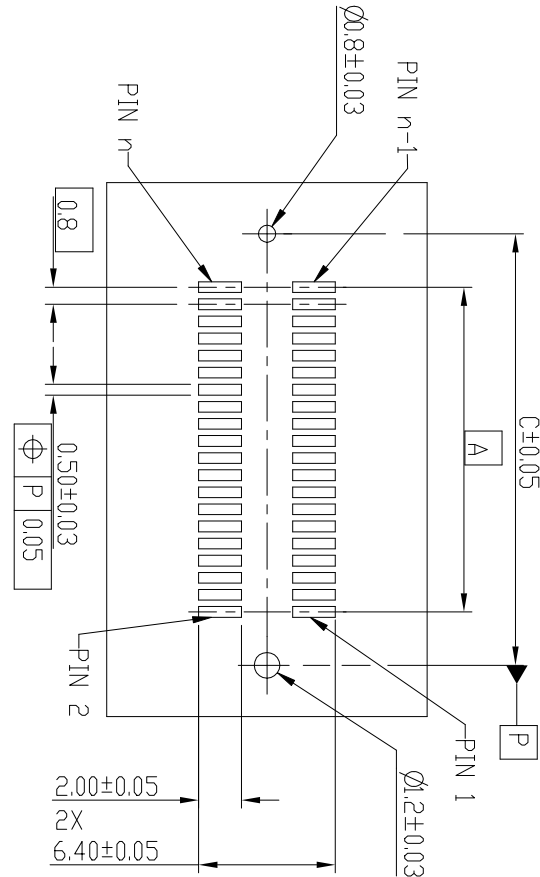
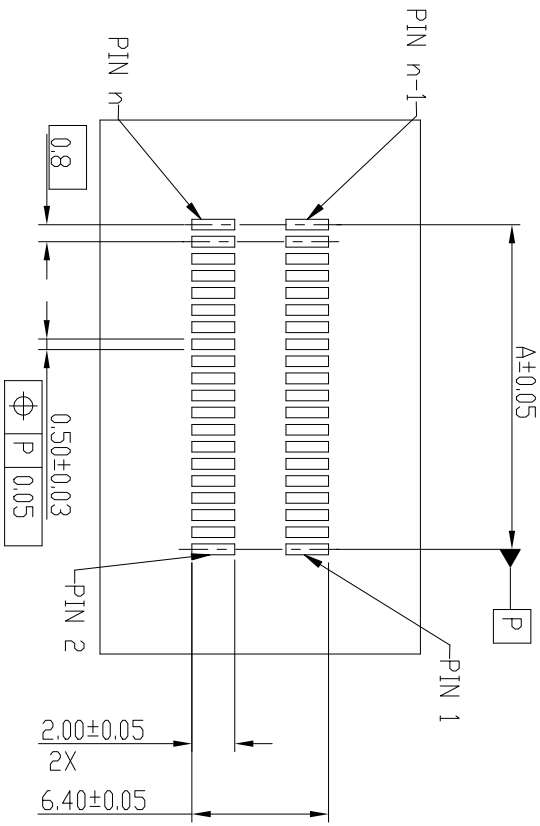


WITHOUT CAP

WITH METAL CAP

- NOTE:
1. MATERIAL:
HOUSING: G.F. LCP, NATURAL, UL94-V0
TERMINAL: COPPER ALLOY
 2. PLATING: AS SHOWN IN TABLE.
 3. SEE GS-12-1424 FOR PRODUCT SPEC.
 4. THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 5. THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260~ PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN.

mat'l. code		surface		tolerance		projection		product family	
ltr	ecn no	dr	date	ISO 1302	ISO 406	ISO 1109	mm	BERGSTAK	
A	ELX-N-375I	Bob	07/25/17	tolerances unless otherwise specified				RECEPTACLE ASSY	
B	ELX-N-375I	Bob	02/22/19	linear	.00±.15			BERGSTAK 0.8MM	
C	ELX-N-4566I	Alan	08/17/22	X±2°	.000±.10	scale 1:1			
D	ELX-N-4662I	Alan	11/30/22	dr	Bob	Gu	07/05/17	dwg no	sheet 1 of 7
					engr	Alan	Ni	11/30/22	size
					chr	LQ	Lei	11/30/22	A3
					qppd	Tim	Yao	11/30/22	
sheet	revision	A	B	C	D			type	Product Customer Drawing
index	sheet	1~7	1~7	1	1~7				



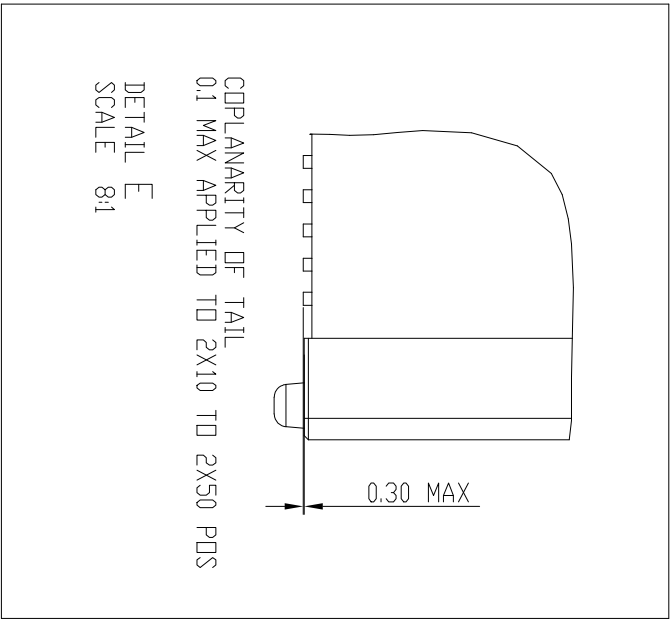
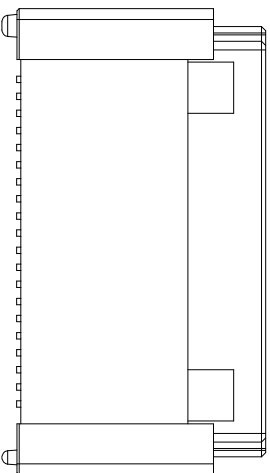
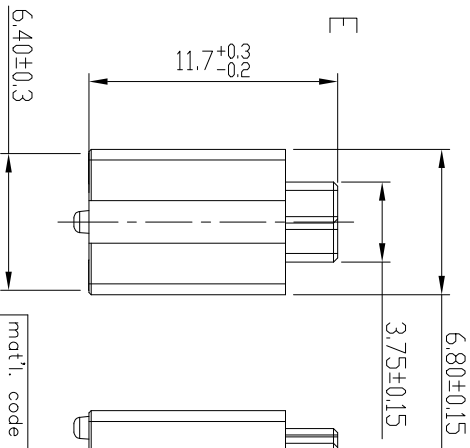
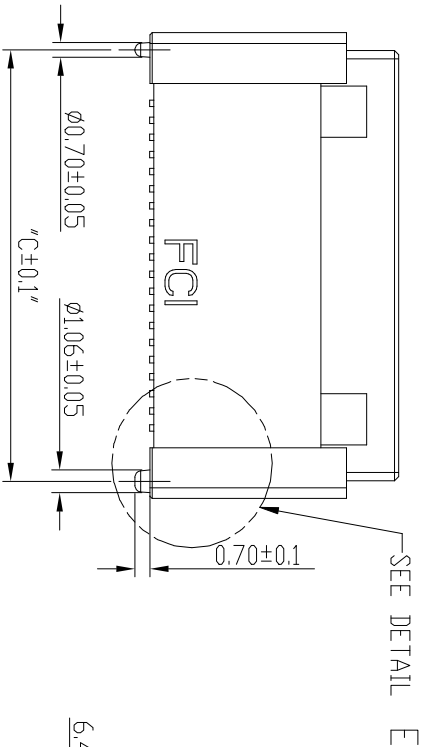
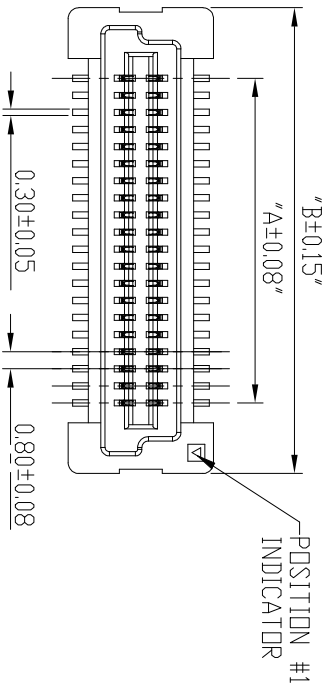
RECOMMENDED PCB LAYOUT WITHOUT PEGS AND HOLDDOWN

RECOMMENDED PCB LAYOUT WITH PEGS
FOR ND. OF POSITION 2X10, 2X20, 2X30, 2X40, 2X50, 2X60

RECEPTACLE 1

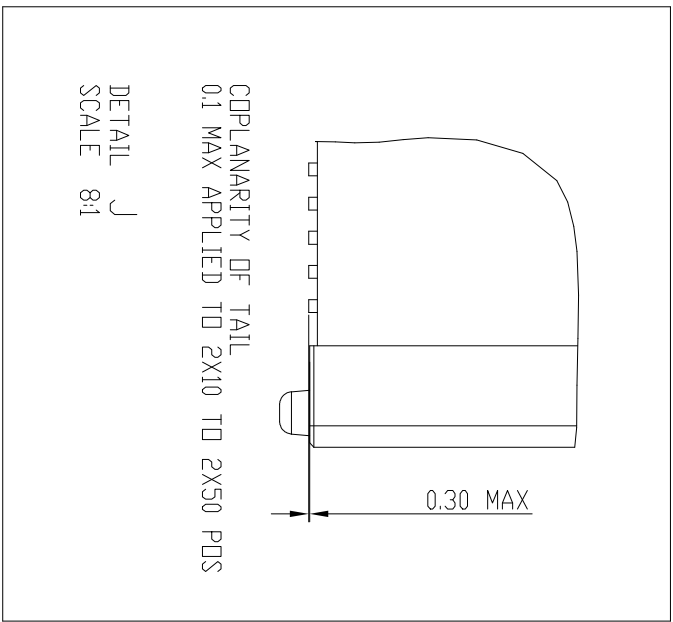
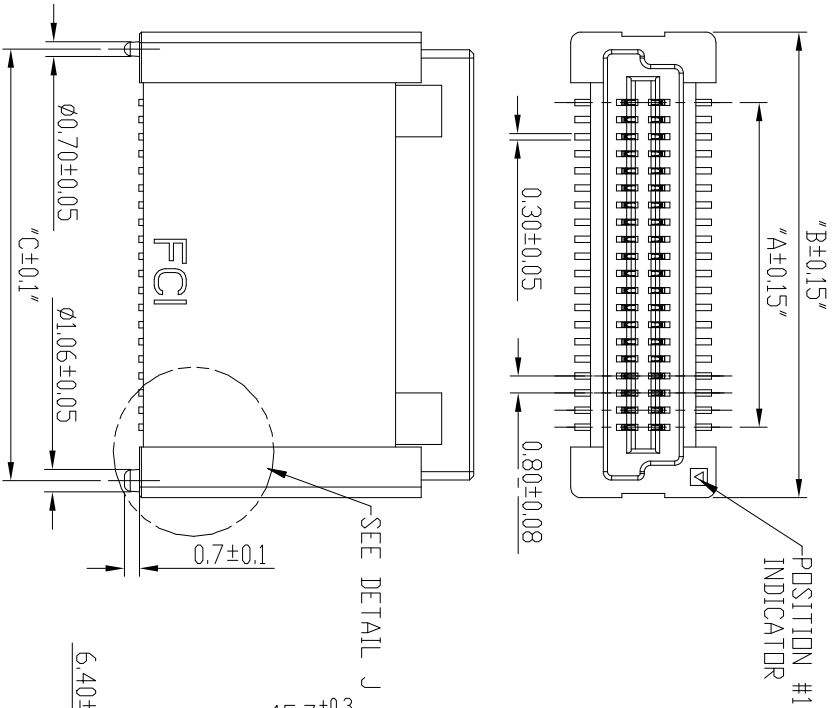
mat'l. code			surface			tolerance			projection			product family		
			ISO 1302			ISO 406			ISO 1101			BERGSTAK		
			tolerances unless otherwise specified			mm			title					
ltr			ecn no dr			date			angles			RECEPTACLE ASSY		
D									linear			BERGSTAK 0.8MM		
									.0±.2					
									.00±.15					
						X±2°			.000±.10			scale 1:1		
			dr			Bob Gu			07/05/17			dwg no		
			engr			Alan Ni			11/30/22			sheet 3 of 7		
			chr			LQ Lei			11/30/22			10144517		
			qppd			Tim Yoo			11/30/22			A3		
sheet			revision			A			B			C		
index			sheet			1~7			1~7			1		

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10144517-023***	2X10	7.2	13.8	12.2
10144517-043***	2X20	15.2	21.8	20.2
10144517-063***	2X30	23.2	29.8	28.2
10144517-083***	2X40	31.2	37.8	36.2
10144517-103***	2X50	39.2	45.8	44.2



mat'l. code				surface				tolerance				projection				product family			
ttr ecn no dr date				ISO 1302				ISO 406				ISO 1104				BERGSTAK			
D				tolerances unless otherwise specified				angles				mm				RECEPTACLE ASSY			
				linear				.00±.15				scale 1:1				BERGSTAK 0.8MM			
				X±2°				.000±.10											
				dr				Bob Gu				07/05/17				dwg no			
				engr				Alan Ni				11/30/22				sheets of 7			
				chr				LQ Lei				11/30/22				A3			
				qppd				Tim Yoo				11/30/22				type			
sheet revision				A B C D												Product Customer Drawing			
index sheet				1~7 1~7 1~7															

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10144517-024***	2X10	7.2	13.8	12.2
10144517-044***	2X20	15.2	21.8	20.2
10144517-064***	2X30	23.2	29.8	28.2
10144517-084***	2X40	31.2	37.8	36.2
10144517-104***	2X50	39.2	45.8	44.2



mat'l. code				surface		tolerance	projection		product family	
ltr	ecn	no	dr	date	ISO 1302	ISO 406	ISO 1104	1104	BERGSTAK	
D					tolerances unless otherwise specified		mm		RECEPTACLE ASSY	
					angles	.05, .2			BERGSTAK 0.8MM	
					linear	.00±.15			10144517	
					X±2°	.000±.10			sheet 6 of 7	
				dr	Bob Gu	07/05/17			size	
				eng	Alan Ni	11/30/22			A3	
				chr	LQ Lei	11/30/22			type	
				qppd	Tim Yoo	11/30/22			Product Customer Drawing	
sheet	revision	A	B	C	D					
index	sheet	1~7	1~7	1	1~7					

RECEPTACLE 4

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Mouser Electronics

Authorized Distributor

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[10144517-121802LF](#)