

10144517 - AA B C D E F F

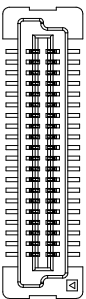
AA	POSITION
02	2X10
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60

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

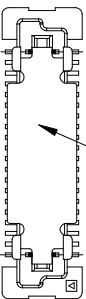
E	PACKAGING
2	T&R WITH METAL CAP
3	T&R WITHOUT CAP
6	T&R WITH KAPTON TAPE

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

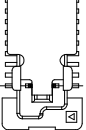


WITHOUT CAP



WITH METAL CAP

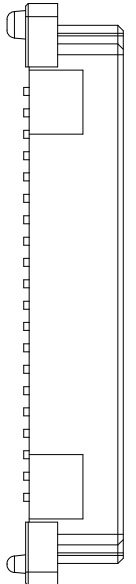
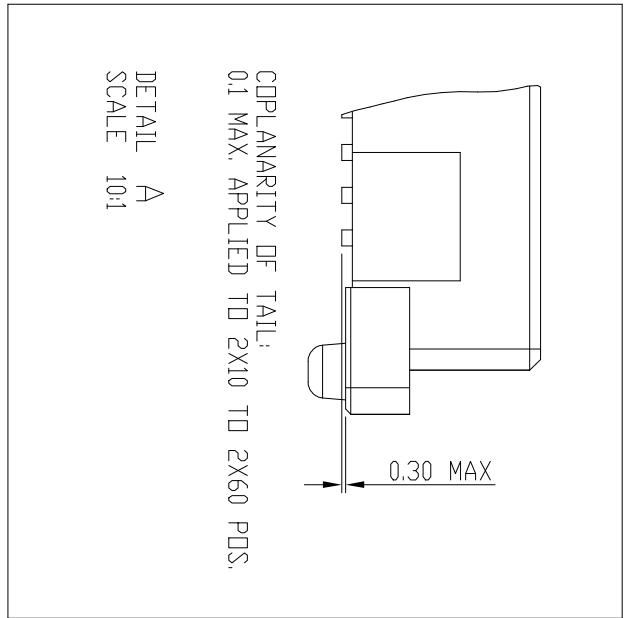
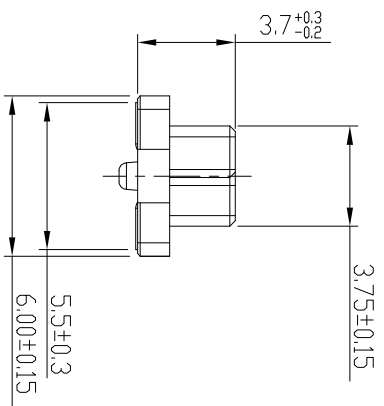
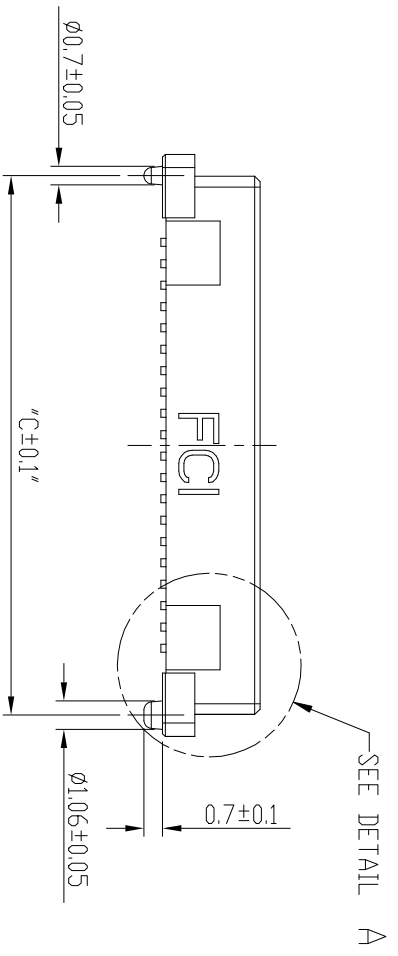
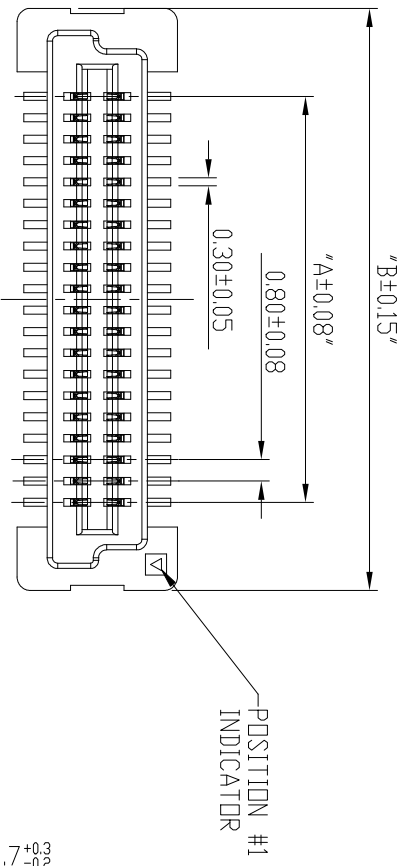
METAL CAP



- 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.

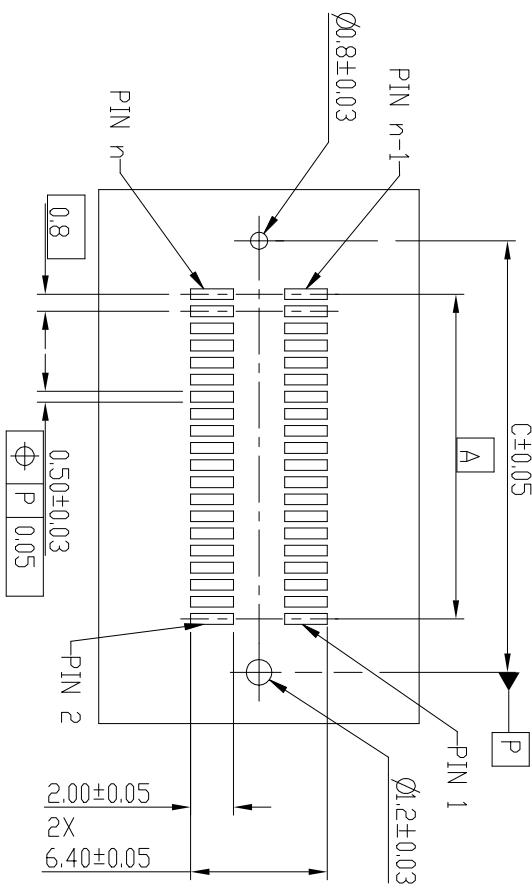
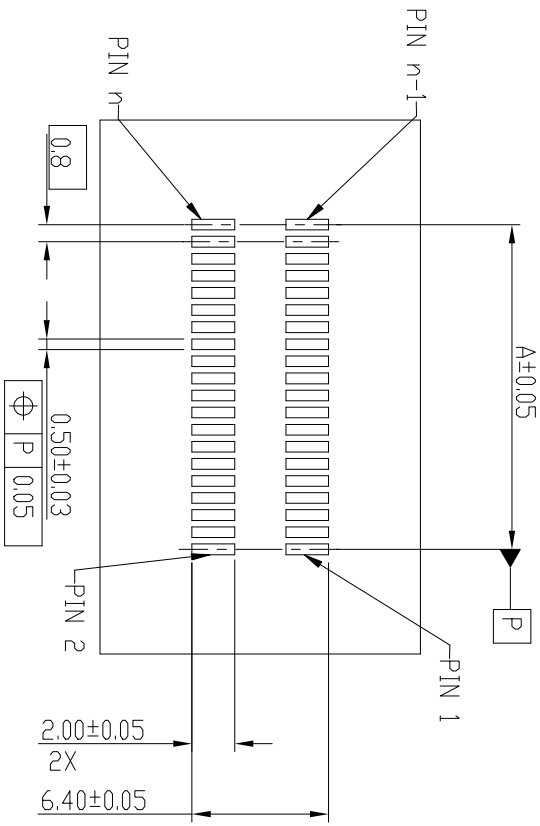
mat'l. code	surfc	tolerance	projection	product family
ISO 1302	ISO 406	ISO	1104	BERGSTAK
tolerances unless otherwise specified			mm	
mm				
scale 1:1				
title	dwg no	sheet 1 of 7	size	
RECEPTACLE ASSY	10144517		A3	
BERGSTAK 0.8MM				
type	Product Customer Drawing			

PRODUCT NO.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10144517-021***	2X10	7.2	13.8	12.2
10144517-041***	2X20	15.2	21.8	20.2
10144517-061***	2X30	23.2	29.8	28.2
10144517-081***	2X40	31.2	37.8	36.2
10144517-101***	2X50	39.2	45.8	44.2
10144517-121***	2X60	47.2	53.8	52.2



RECEPTACLE 1

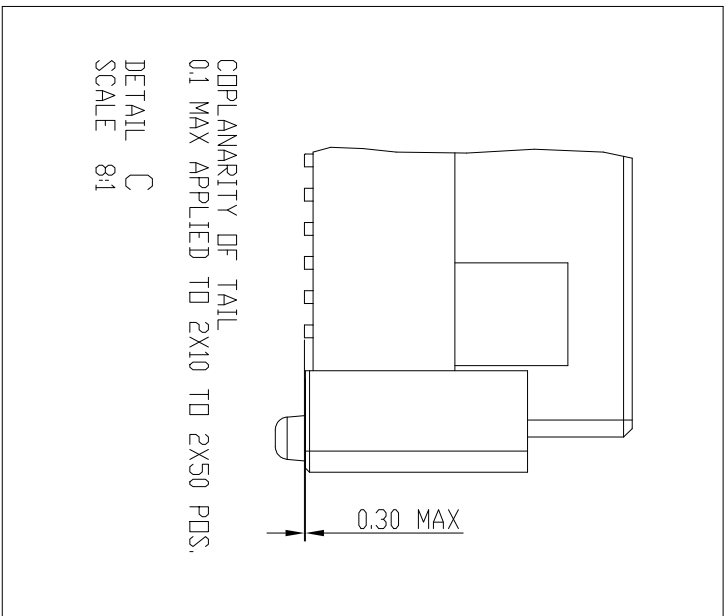
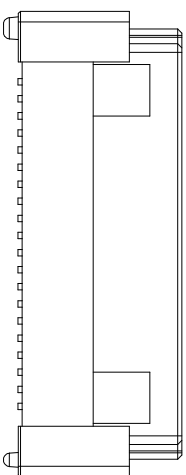
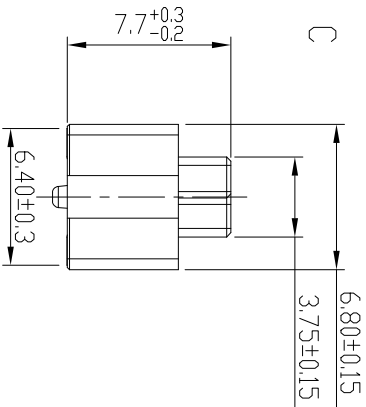
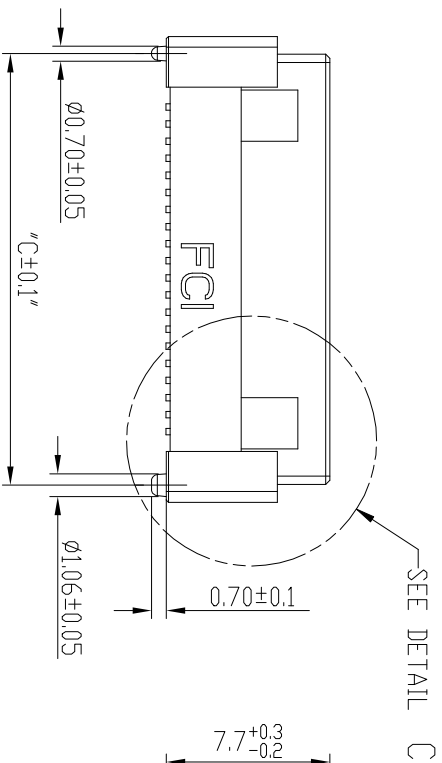
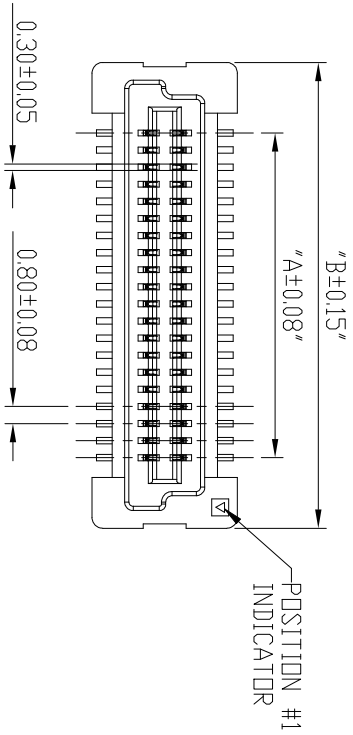
mat'l. code		surface B tolerance		projection		product family	
ISO 1302		ISO 406 ISO		110°		BERGSTAK	
tolerances unless otherwise specified		.0±.2		mm		title	
angles linear		.00±.15		scale 1:1		RECEPTACLE ASSY	
X±2		.000±.10				BERGSTAK 0.8MM	
dr		Bob Gu 07/05/17		dwg no		sheet 2 of 7 size	
eng		Alan Ni 11/30/22		10144517		A3	
chr		LQ Lei 11/30/22		type		Product Customer Drawing	
qppd		Tim Yoo 11/30/22					
sheet revision		A B C D					
index sheet		1~7 1~7					



RECEPTACLE 1

mat'l. code	surface	tolerance	projection	product family	
	ISO 1302	ISO 406 ISO	110°	BERGSTAK	
tr ecn no dr	tolerances unless otherwise specified			title	
	angles	.0±.2	mm	RECEPTACLE ASSY	
D	linear	.00±.15	mm	BERGSTAK 0.8MM	
	X±2°	.000±.10	scale 1:1		
	dr	Bob Gu 07/05/17		dwg no	
	eng	Alan Ni 11/30/22		10144517	
	chr	LQ Lei 11/30/22		sheet 3 of 7 size	
	qppd	Tim Yoo 11/30/22		A3	
sheet	revision	A	B	C	D
index	sheet	1~7	1~7	1~7	1~7

PRODUCT N.D.	NUMBER OF POSITIONS	DIMENSION		
		A	B	C
10144517-022***	2X10	7.2	13.8	12.2
10144517-042***	2X20	15.2	21.8	20.2
10144517-062***	2X30	23.2	29.8	28.2
10144517-082***	2X40	31.2	37.8	36.2
10144517-102***	2X50	39.2	45.8	44.2



mat'l. code	surfc	tolerance	projection	product family
	ISO 1302	ISO 406	ISO 1104	BERGSTAK
	tolerances unless otherwise specified			
	angles	.0±.2	mm	
	linear	.00±.15	mm	
	X±2	.000±.10	mm	
dr	Bob Gu	07/05/17		
eng	Alan Ni	11/30/22		
chr	LQ Lei	11/30/22		
qppd	Tim Yoo	11/30/22		
sheet index	revision	A	B	C
	sheet	1~7	1~7	1~7

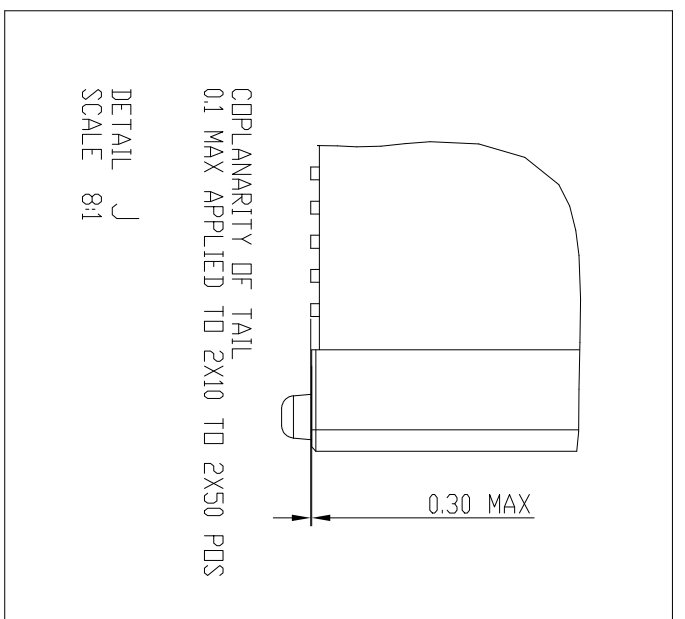
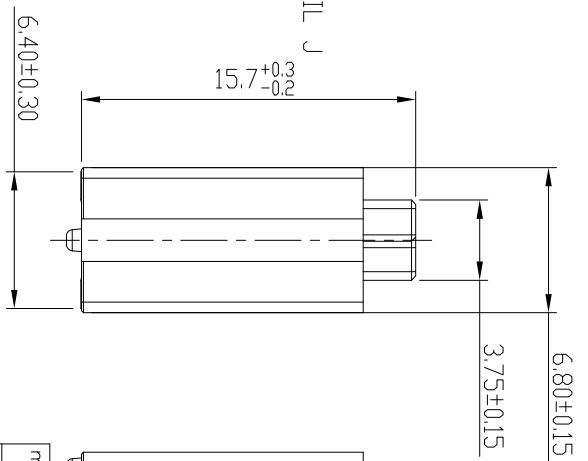
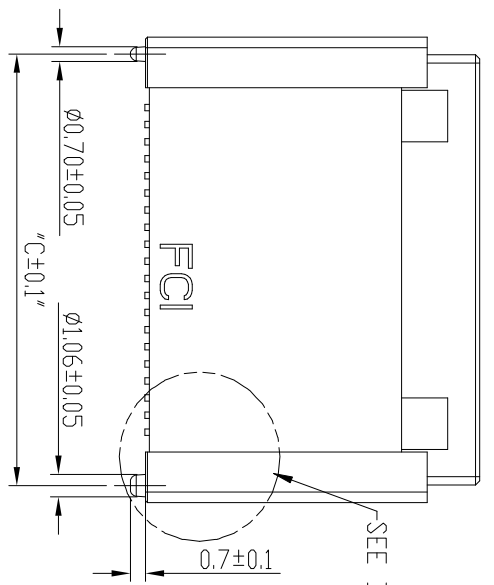
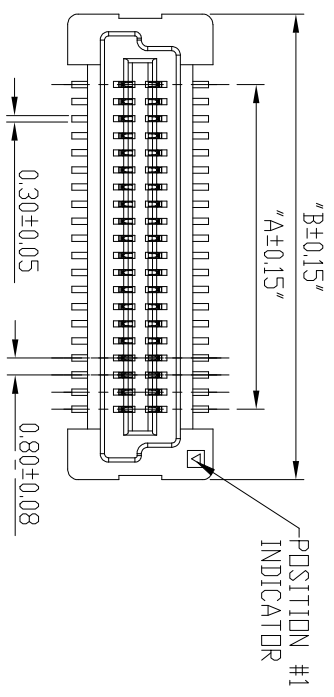
RECEPTACLE 2

RECEPTACLE ASSY
BERGSTAK 0.8MM



10144517
sheet 4 of 7 size A3

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



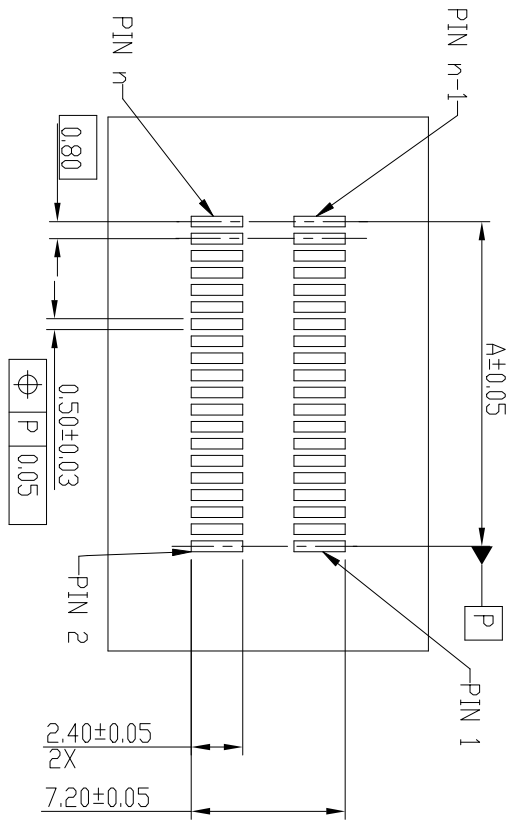
RECEPTACLE 4

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406 ISO	110°	BERGSTAK
	tolerances unless otherwise specified			
	angles: linear	.05, .2	mm	
	X±2°	.00±.15	scale 1:1	
dr	Bob Gu	07/05/17		
eng	Alan Ni	11/30/22		
chr	LQ Lei	11/30/22		
qppd	Tim Yoo	11/30/22		

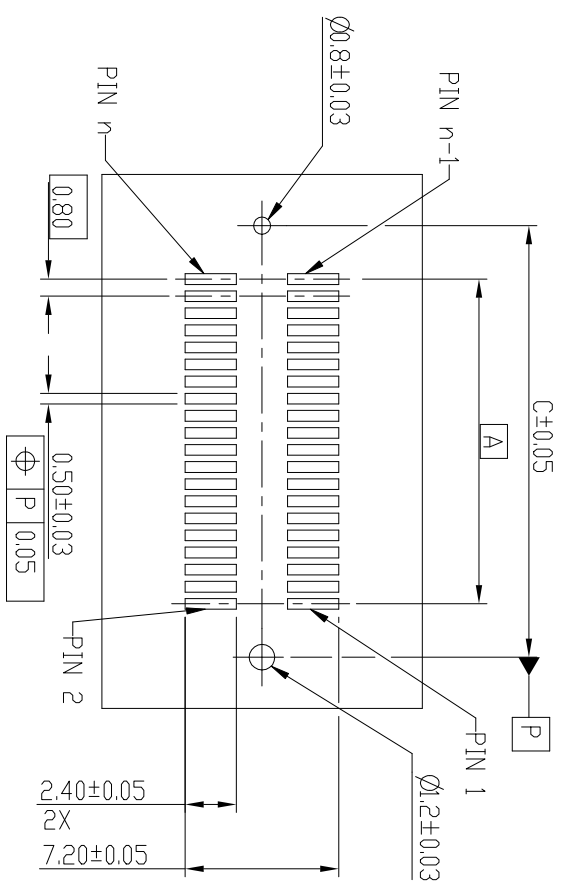
sheet index	revision	A	B	C	D	1~7	1~7	1~7	1~7	1~7	1~7

title	dwg no	sheet	of 7	size
RECEPTACLE ASSY	10144517	6	7	A3
BERGSTAK 0.8MM				
type	Product Customer Drawing			

RECEPTACLE 2 & 3 & 4



RECOMMENDED PCB LAYOUT WITHOUT PEGS AND HOLDDOWN



RECOMMENDED PCB LAYOUT WITH PEGS
FOR NO. OF POSITION 2X10, 2X20, 2X30, 2X40, 2X50

mat'l. code	surface	tolerance	projection	product family	
ISO 1302	ISO 406	ISO	110°	BERGSTAK	
tolerances unless otherwise specified				title	
angles: .05±.2				RECEPTACLE ASSY	
linear: .00±.15				BERGSTAK 0.8MM	
X±2: .000±.10				scale 1:1	
dr	Bob Gu	07/05/17		dwg no	
engr	Alan Ni	11/30/22		10144517	
chr	LQ Lei	11/30/22		sheet 7 of 7 size	
qppd	Tim Yoo	11/30/22		A3	
sheet index	revision	A	B	C	D
1~7	1~7	1	1~7		