



THE DATASHEET OF
61083-044409LF



61083- AA B C D E G W V FF

AA	NO. OF POSITIONS
02	2X10
04	2X20
06	2X30
08	2X40
10	2X50
12	2X60
14	2X70
16	2X80
18	2X90
20	2X100

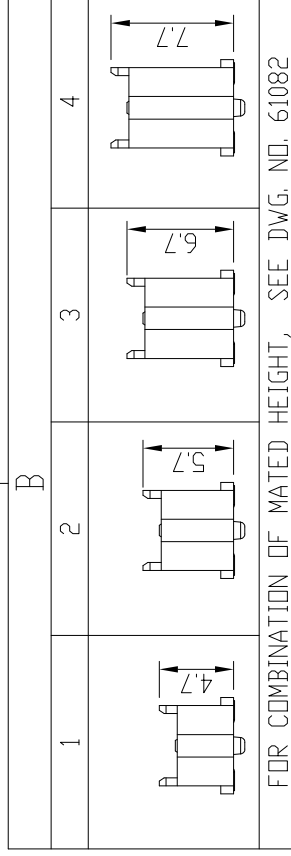
NOTE 10

G	DATE CODE
/	STANDARD, NOT PRINT D/C
P	PRINT DATE CODE

E	PACKAGING
0	TUBE WITHOUT METAL CAP
2	T&R WITH METAL CAP
9	TUBE WITH METAL CAP
6	T&R WITH KAPTON TAPE
7	T&R WITH PLASTIC CAP
Q	T&R WITHOUTL CAP

NOTE 10
NOTE 10
NOTE 11
NOTE 10

D	PEG
0	YES
2	NO



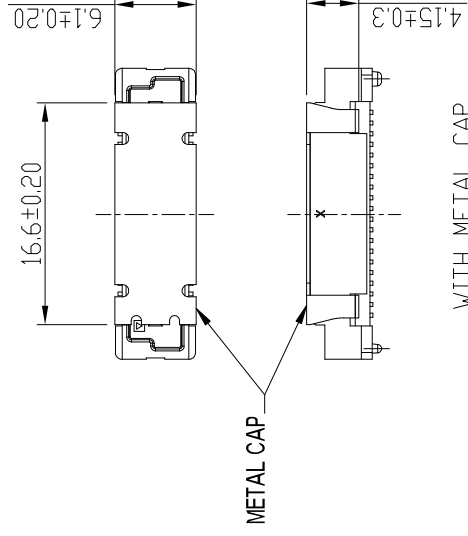
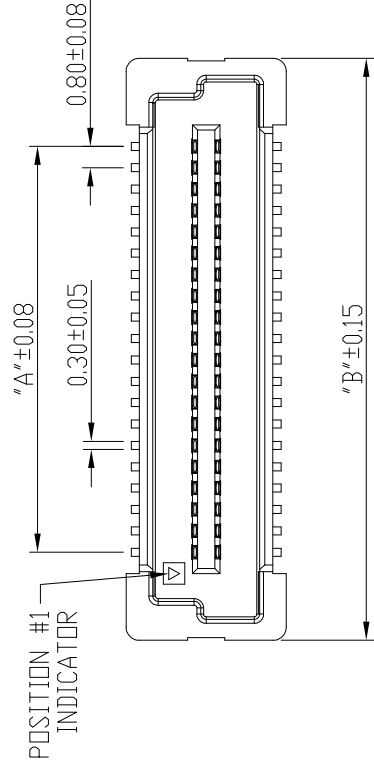
NOTE:

- MATERIAL:
HOUSING: G.F. LCP, NATURAL, UL94-V0
TERMINAL: BRASS
- PLATING: AS SHOWN IN TABLE.
- SEE GS-12-547 FOR PRODUCT SPEC.
- PACKAGING OPTION 2: NOT ALL SIZES ARE AVAILABLE. CHECK WITH FACTORY.
- THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE UP TO 260~ PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- PLATING OPTION "4" IS LEADFREE ALTERNATIVE FOR OPTION "0", AND OPTION "6" IS LEADFREE ALTERNATIVE FOR OPTION " 1".
- HIGH PRECISION COPLANARITY IS AVAILABLE FOR 2X80 TO 2X100 PDS, ALL HEIGHTS. PLS REFER TO PRINT 10069525.
- THE P/N 61083-***** OR 61083-*****LF NOT PRINT DATE CODE.
THE P/N 61083-*****P OR 61083-*****PLF NEED PRINT DATE CODE.
- POSITION 2X10 TYPE ONLY APPLY TO PLUG 1 AND PLUG 3.
- PACKAGING WITH METAL CAP AND PLASTIC CAP DOES NOT APPLY TO 2X10 POSITION.
- KAPTON TAPE ONLY APPLY TO POSITION 2X10~2X20.

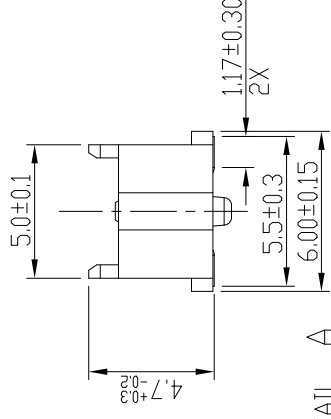
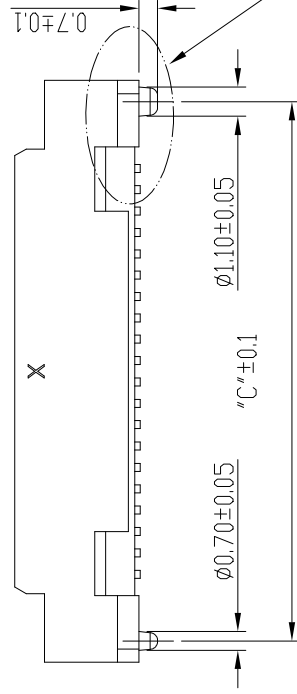
C	
0	GOLD 0.2um MIN. ON CONTACT AREA NICKEL UNDERPLATE OVERALL 1.27
1	GOLD FLASH (0.065um MIN) OVER P AREA ; TIN LEAD 2.5um MIN ON NICKEL UNDERPLATE OVERALL 1.27
4	GOLD 0.2um MIN ON CONTACT AR TAIL; NICKEL UNDERPLATE OVERA
5	GOLD 0.38um MIN ON CONTACT A TAIL; NICKEL UNDERPLATE OVERA
6	GOLD FLASH (0.065um MIN) OVER P AREA ; PURE MATT TIN 2.5um MI NICKEL UNDERPLATE OVERALL 1.27
7	GOLD 0.76um MIN ON CONTACT A TAIL; NICKEL UNDERPLATE OVERA
9	GOLD 0.2um MIN ON CONTACT AR NICKEL UNDERPLATE OVERALL 1.27

mat'l. code	surface ISO 1302	tolerances un	angles	linear	
ltr	ecn no	dr	date		
AP	ELX-N-33922	Bob	2019-07-05		
AJ	ELX-N-25201	Bob	2016-12-29	0°±3°	
AK	ELX-N-26185	Bob	2017-02-17	GuoMin	
AL	ELX-N-26381	Bob	2017-03-17	engr	
AM	ELX-N-30296	Bob	2018-05-28	Chr LQ Lc	
AN	ELX-N-30741	Bob	2018-11-22	pppd Tim Y	
sheet	revision	AL	AM	AN	AP
index	sheet	1~6	1~6	1~6	1

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-021***	2X10	7.2	13.8	12.2
61083-041***	2X20	15.2	21.8	20.2
61083-061***	2X30	23.2	29.8	28.2
61083-081***	2X40	31.2	37.8	36.2
61083-101***	2X50	39.2	45.8	44.2
61083-121***	2X60	47.2	53.8	52.2
61083-141***	2X70	55.2	61.8	60.2
61083-161***	2X80	63.2	69.8	68.2
61083-181***	2X90	71.2	77.8	76.2
61083-201***	2X100	79.2	85.8	84.2



WITH METAL CAP



mat'l. code		surface	
ltr	ecn no dr	date	ISO 1302
AP			✓
		tolerances un	
		angles	linear
		0°±3°	
		dr	GuoMin
		engr	Bob C
		chr	LQ Lc
		appd	Tim Y.
sheet	revision	AP	
index	sheet	1	

form: A3-2016-02-24

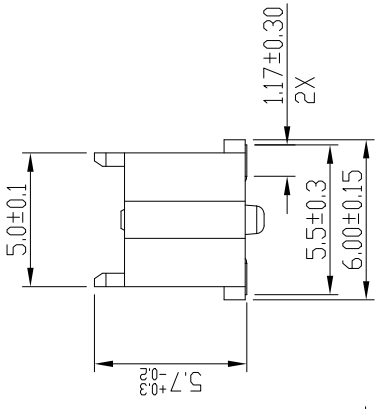
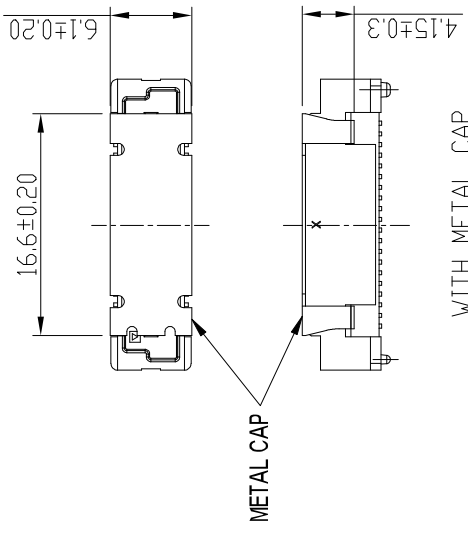
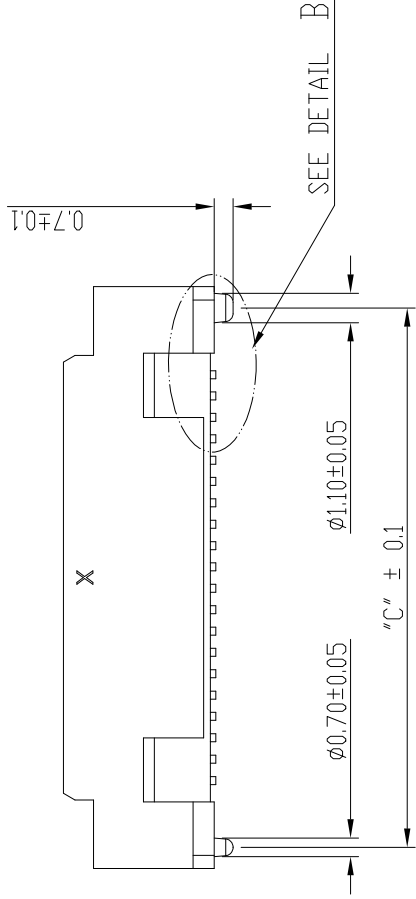
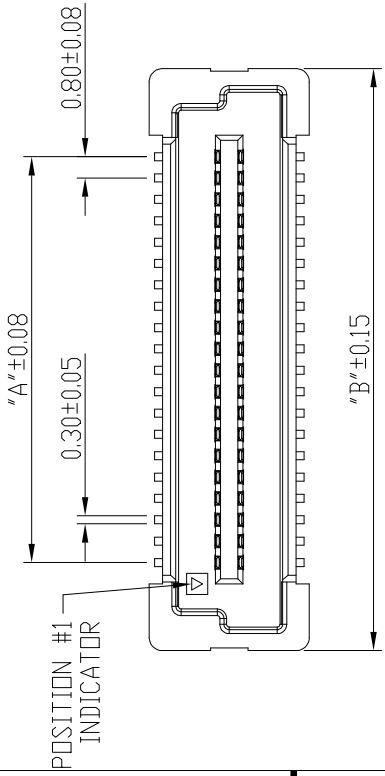
3

2

1

4 **PDS: Rev**

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-042***	2X20	15.2	21.8	20.2
61083-062***	2X30	23.2	29.8	28.2
61083-082***	2X40	31.2	37.8	36.2
61083-102***	2X50	39.2	45.8	44.2
61083-122***	2X60	47.2	53.8	52.2
61083-142***	2X70	55.2	61.8	60.2
61083-162***	2X80	63.2	69.8	68.2
61083-182***	2X90	71.2	77.8	76.2
61083-202***	2X100	79.2	85.8	84.2



mat'l. code		surface	
ltr	ecn no dr	ISO 1302	✓
AP	date	tolerances un	
		angles	linear
		0° ± 3°	
		dr	GuoMin
		engr	Bob C
		chr	LQ Lc
		appd	Tim Y
sheet index	revision AP	sheet	1

form: A3-2016-02-24

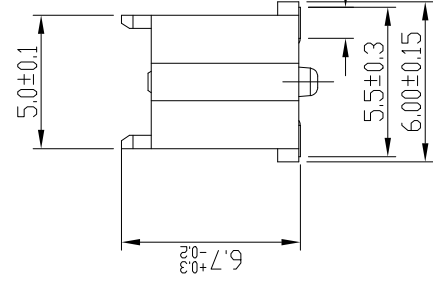
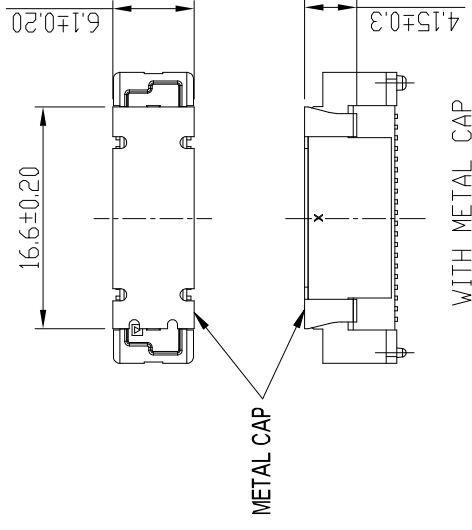
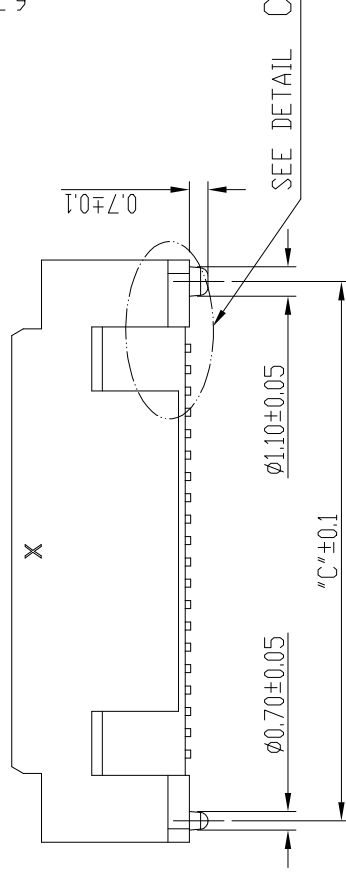
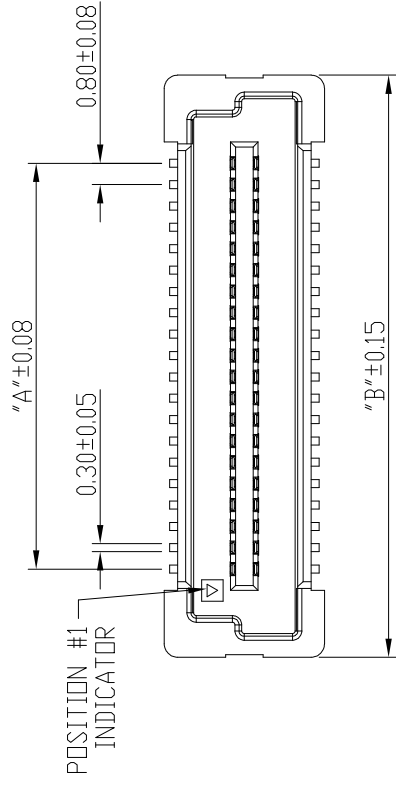
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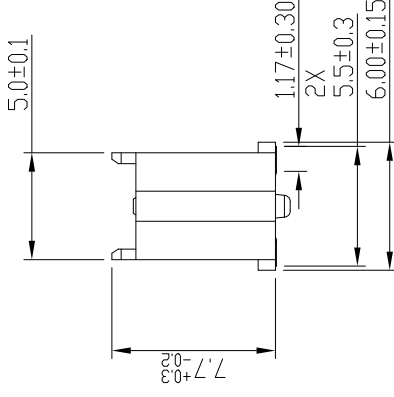
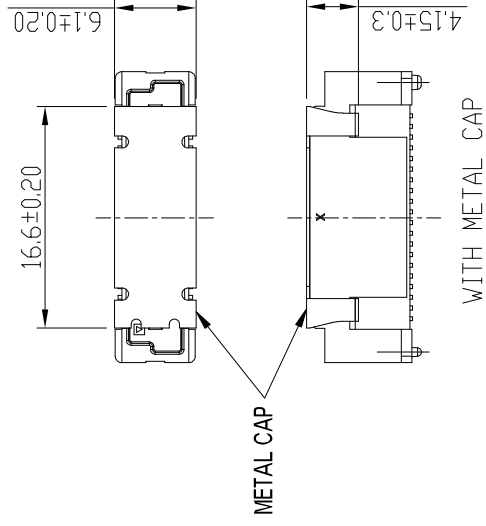
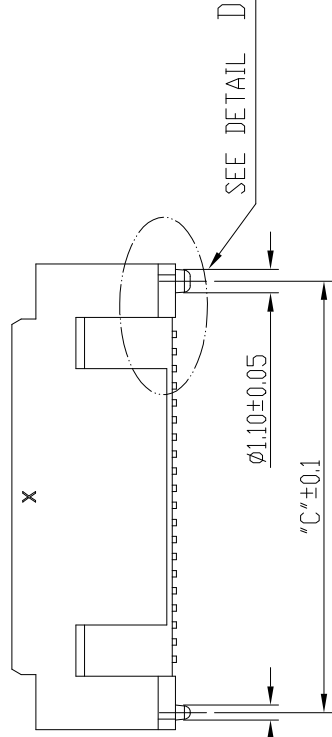
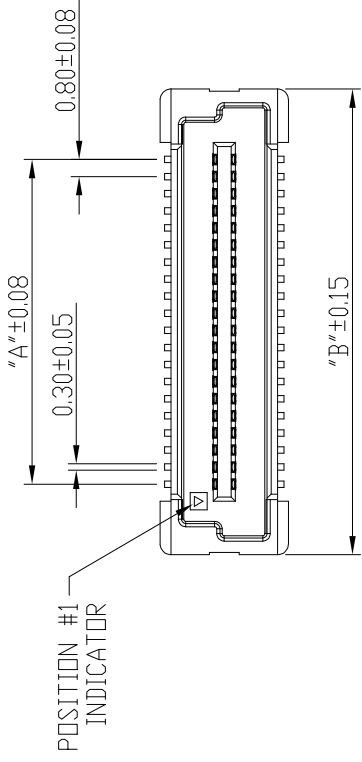
4 PDS: Rev

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-023***	2X10	7.2	13.8	12.2
61083-043***	2X20	15.2	21.8	20.2
61083-063***	2X30	23.2	29.8	28.2
61083-083***	2X40	31.2	37.8	36.2
61083-103***	2X50	39.2	45.8	44.2
61083-123***	2X60	47.2	53.8	52.2
61083-143***	2X70	55.2	61.8	60.2
61083-163***	2X80	63.2	69.8	68.2
61083-183***	2X90	71.2	77.8	76.2
61083-203***	2X100	79.2	85.8	84.2



mat'l. code		surface	
ltr	ecn no dr	ISO 1302	tolerances un
AP		linear	angles
		0°±3°	dr
		GuoMin	engr
		Bob C	chr
		LQ Lc	appd
		Tim Y	
sheet index	revision AP	sheet	1

PRODUCT NO.	NO. OF POSITION	DIMENSION		
		A	B	C
61083-044***	2X20	15.2	21.8	20.2
61083-064***	2X30	23.2	29.8	28.2
61083-084***	2X40	31.2	37.8	36.2
61083-104***	2X50	39.2	45.8	44.2
61083-124***	2X60	47.2	53.8	52.2
61083-144***	2X70	55.2	61.8	60.2
61083-164***	2X80	63.2	69.8	68.2
61083-184***	2X90	71.2	77.8	76.2
61083-204***	2X100	79.2	85.8	84.2



mat'l. code		ISO 1302	surface
ltr	ecn no	dr	date
AP			
		tolerances un	
		angles	linear
		0°±3°	
		dr	GuoMin
		engr	Bob C
		chr	LQ Le
		appd	Tim Y
sheet	revision	AP	
index	sheet	1	

4 PDS: Rev

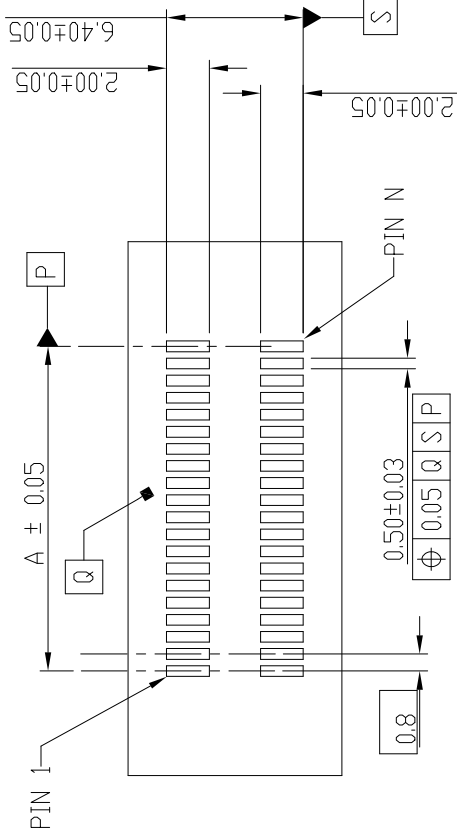
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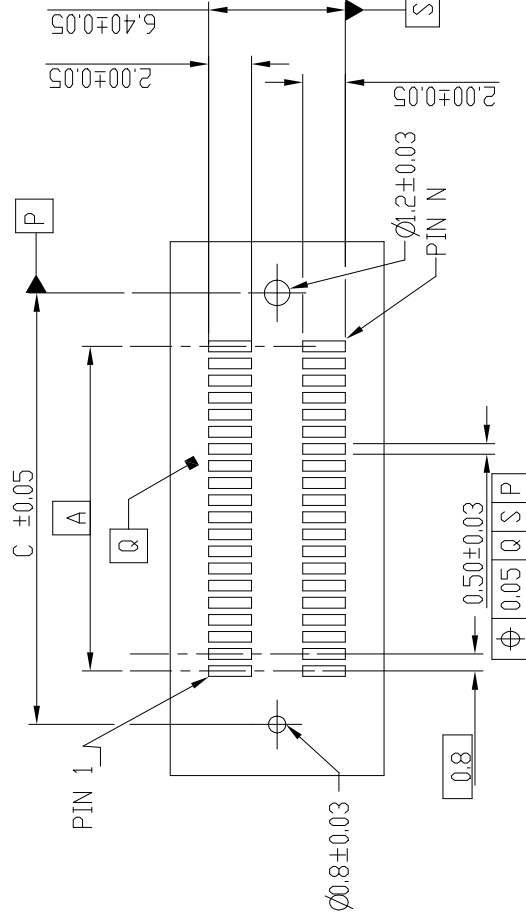
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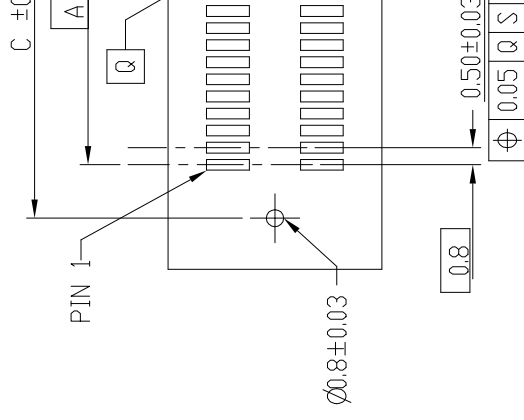
FOR PLUG 1/2/3/4



RECOMMENDED PCB LAYOUT WITHOUT PEG FOR
 ND. OF POS 2X10, 2X20, 2X30, 2X40, 2X50 2X60



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





RECOMMENDED PCB LAYOUT
 ND. OF POS 2X70, 2X80

mat'l. code		surface	ISO 1302	tolerances un
ltr	ecn no	dr	date	angles
AP				linear
				0°±3°
		dr	GuoMin	
		engr	Bob C	
		chr	LQ Lc	
		appd	Tim Y.	
sheet	revision	AP		
index	sheet	1		

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