

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.

3. MATERIAL:

HOUSING: LCP,UL94V-0,COLOR BLACK.
CAP: LCP,UL94V-0,COLOR BLACK.
CONTACT: COPPER ALLOY.
CONTACT PLATING: Au PLATED ON CONTACT AREA AFTER NI PLATED OVER ALL.
SOLDER BALL: LEAD FREE 0.60MM DIAMETER.

4. SOCKET NAME LGA4189-X TO BE INDICATED IN THIS AREA.

5. FIT LOGO IS LOCATED APPROXIMATELY.

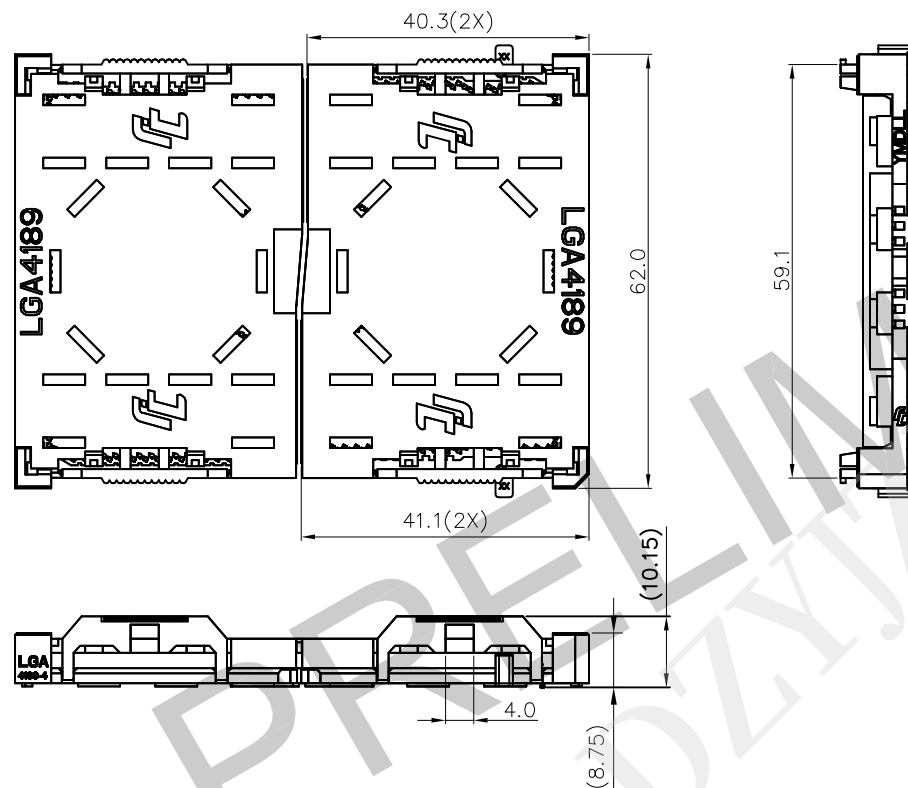
6. DATECODE IS LOCATED APPROXIMATELY.

7. SOCKET NAME "P4" OR "P5" TO BE INDICATED IN THIS AREA.

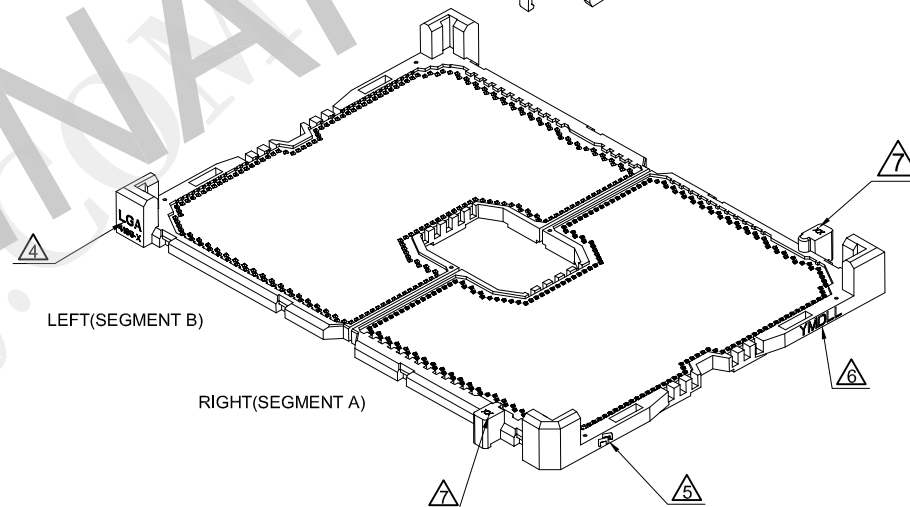
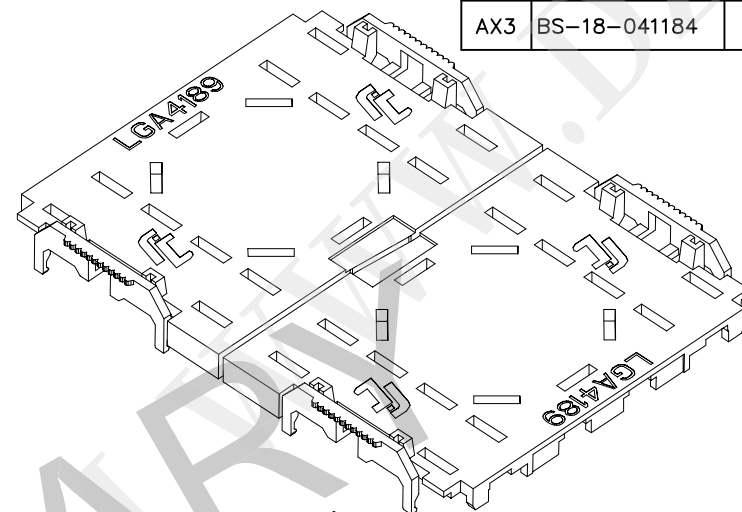
8. HARMFUL MATERIAL CONTROL PLEASE FOLLOW DOC. NO. "EPI12".

9. THE CONCENTRATIONS OF Br AND Cl CAN SATISFY THE REQUIREMENT OF HALOGEN-FREE IN DOCUMENT "EPI12".

10. PLEASE CONTACT FIT SALES REPRESENTATIVE TO VERIFY PRODUCT DETAIL & AVAILABILITY.

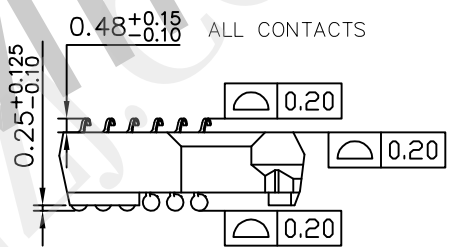
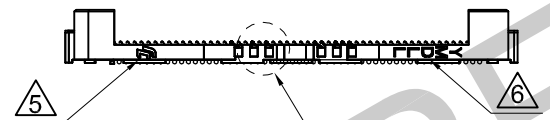
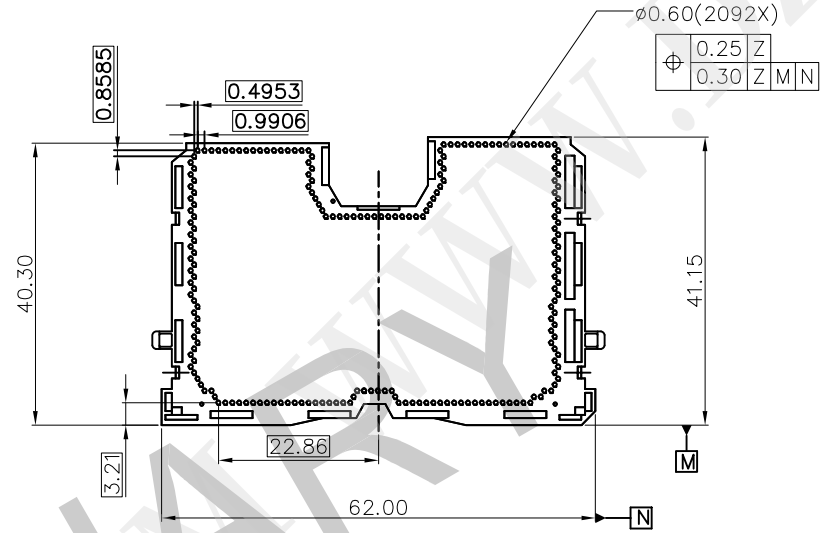
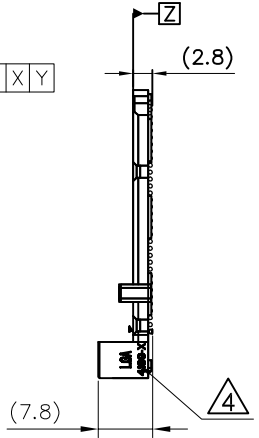
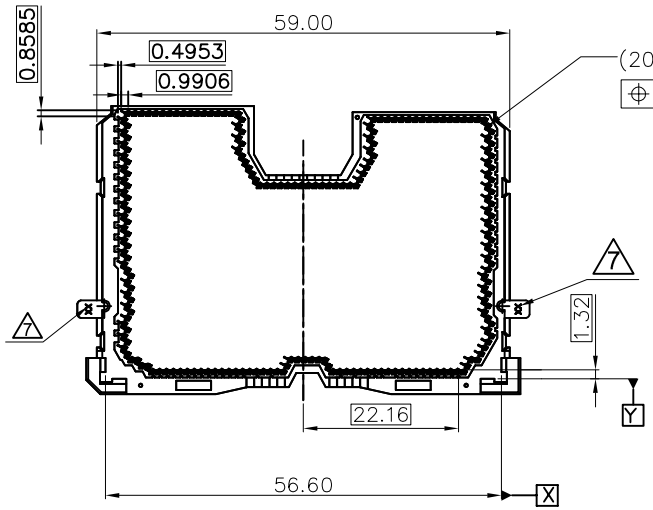


SOCKET P5	PE41893-11NK3-1H	PE41893-11NK4-1H	30u" Au
	PE41897-11NK3-1H	PE41897-11NK4-1H	15u" Au
SOCKET P4	PE41893-01NK3-1H	PE41893-01NK4-1H	30u" Au
	PE41897-01NK3-1H	PE41897-01NK4-1H	15u" Au
DESCRIPTION	SEGMENT A	SEGMENT B	PLATING



X.± 3	X.± 1"	UNITS mm	NAME(INTENDED USE) LGA4189 SOCKET	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.25	.X'±	MAT'L 	PART NO.(INTENDED USE) PE4189*-*****-1H	
.XX± 0.10	.XX'±	FINISH	APPD: Nick Lin	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX± 0.10	.XXXX± 0.05	Q'TY	CHKD: Dickie Huang Mac Peng	TITLE: CUSTOMER DRAWING FOR LGA4189 SOCKET
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED.				DWG NO.: 351-0000-1462
DRAW: Gohan Wu 10/24'18				SCALE: 1:1 SHEET: 1/6 REV: AX3

REV.	ECN. NO.	APPD.

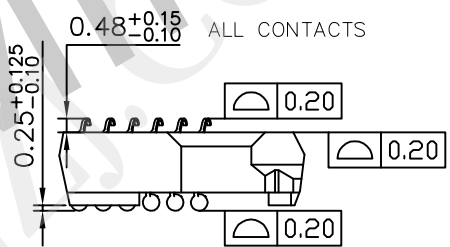
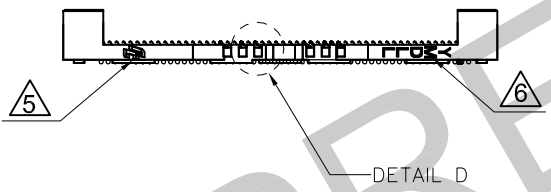
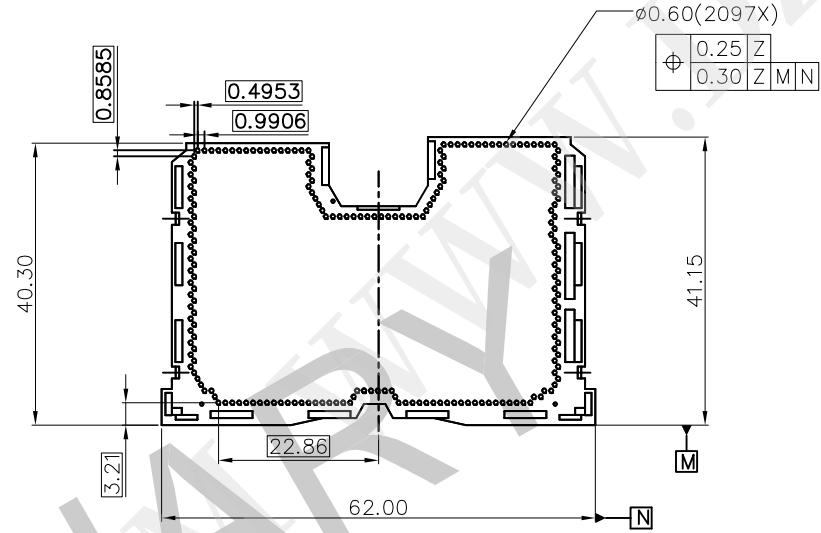
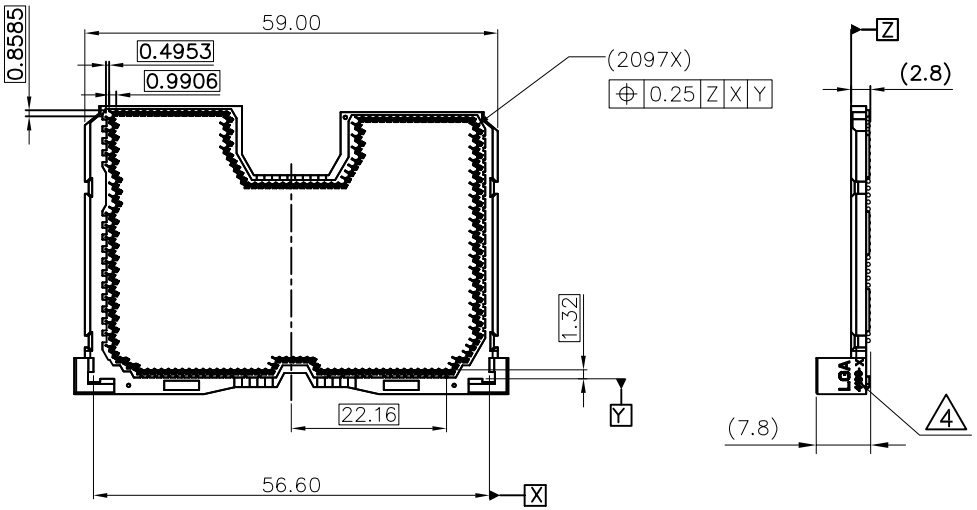


DETAIL D
SCALE 4:1

P5 SEGMENT A	PE41893-11NK3-1H	30u" Au
	PE41897-11NK3-1H	15u" Au
P4 SEGMENT A	PE41893-01NK3-1H	30u" Au
	PE41897-01NK3-1H	15u" Au
DESCRIPTION	PART NAME	PLATING

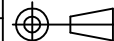
X.± 3	X.± 1"	UNITS	NAME(INTENDED USE)	FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
		mm	LGA4189 SOCKET	
.X± 0.25	.X'±		PART NO.(INTENDED USE)	CLASS:
.XX± 0.10	.XX'±		PE4189*-*****-1H	☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX± 0.10	.XXXX± 0.05	FINISH	APPD: Nick Lin	TITLE: CUSTOMER DRAWING FOR LGA4189 SOCKET
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			DRAW: Gohan Wu 10/24'18	
				SCALE: 1:1 SHEET: 2/6 REV: AX3

REV.	ECN. NO.	APPD.

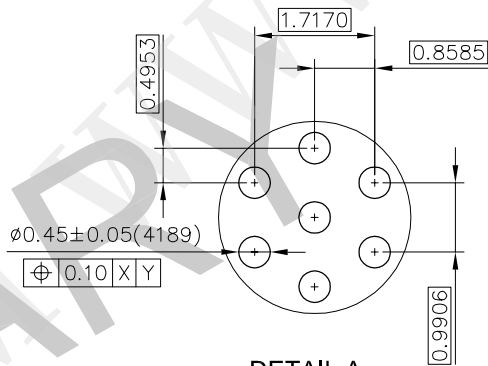
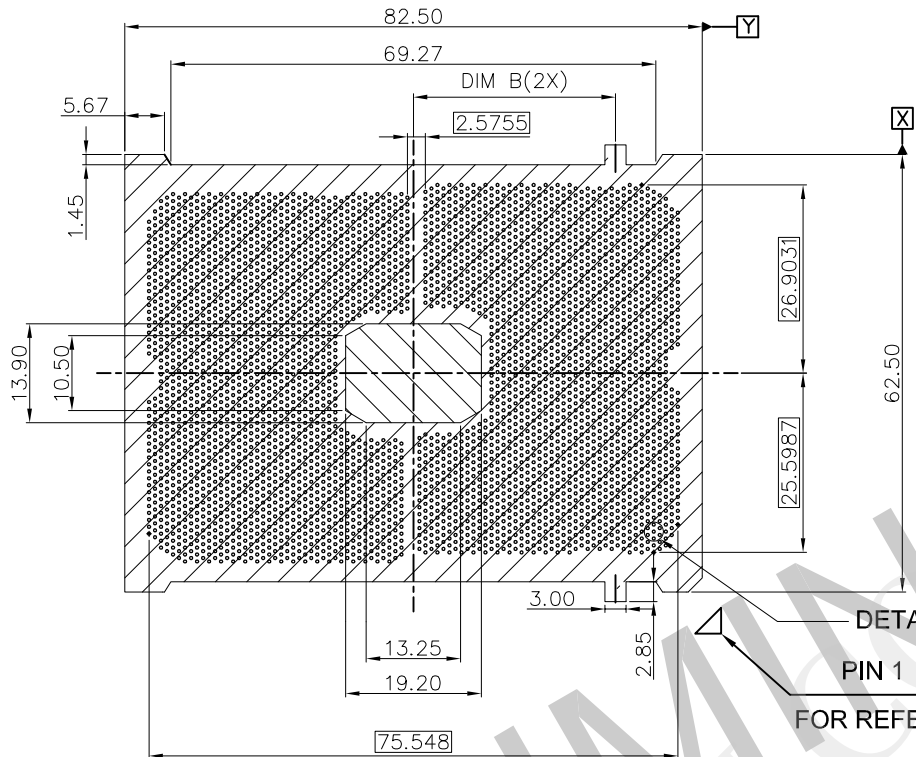


DETAIL D
SCALE 4:1

P5 SEGMENT B	PE41893-11NK4-1H	30u" Au
	PE41897-11NK4-1H	15u" Au
P4 SEGMENT B	PE41893-01NK4-1H	30u" Au
	PE41897-01NK4-1H	15u" Au
DESCRIPTION	PART NAME	PLATING

X.± 3	X.± 1"	UNITS mm	NAME(INTENDED USE) LGA4189 SOCKET	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.		
.X± 0.25	.X'±	MAT'L 	PART NO.(INTENDED USE) PE4189*—*****—1H	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL		
.XX± 0.10	.XX'±	FINISH Q'TY	APPD: Nick Lin	TITLE: CUSTOMER DRAWING FOR LGA4189 SOCKET		
.XXX± 0.10	.XXXX± 0.05		CHKD: Dickie Huang Mac Peng	DWG NO.: 351-0000-1462		
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					REV. AX3	

REV.	ECN. NO.	APPD.

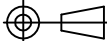


DETAIL A
SCALE 10:1

RECOMMENDED PAD ARRAY LAYOUT

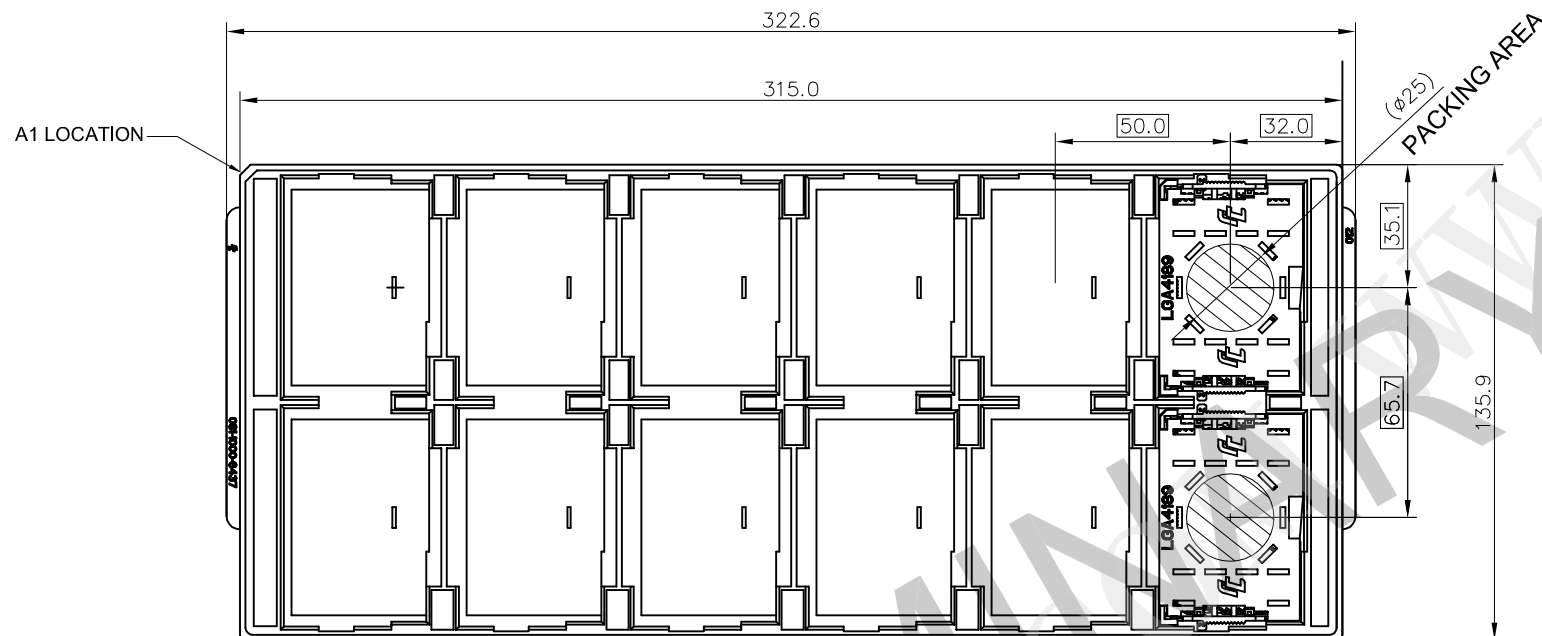
-  SOCKET P PLACEMENT ZONE
NO OTHER COMPONENT PLACEMENT ALLOWED.
0.0 MM HEIGHT RESTRICTION.
-  SOCKET CAVITY
1.222 MM HEIGHT RESTRICTION.

SOCKET P5	26.315
SOCKET P4	29.315
DESCRIPTION	DIM B

X.± 3	X.± 1'	UNITS mm	NAME(INTENDED USE) LGA4189 SOCKET	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.25	.X'±	MAT'L 	PART NO.(INTENDED USE) PE4189*—*****—1H	
.XX± 0.10	.XX'±	FINISH	APPD: Nick Lin	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX± 0.10	.XXXX± 0.05	Q'TY	CHKD: Dickie Huang Mac Peng	TITLE: CUSTOMER DRAWING FOR LGA4189 SOCKET
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				 SCALE SHEET REV. 1:1 5/6 AX3

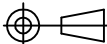
A1 LOCATION IS ACCORDING TO INTEL'S SPECIFICATION INSTEAD OF JEDEC'S.

REV. ECN. NO. APPD.



PACKING TRAY

SCALE 1:2

X.± 3	X.± 1'	UNITS mm	NAME(INTENDED USE) LGA4189 SOCKET	 FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.25	.X'±	MAT'L 	PART NO.(INTENDED USE) PE4189*—*****—1H	
.XX± 0.10	.XX'±	FINISH	APPD: Nick Lin	CLASS: ☐ CONFIDENTIAL ☐ SECRET ☒ GENERAL
.XXX± 0.10	.XXXX± 0.05	Q'TY	CHKD: Dickie Huang Mac Peng	TITLE: CUSTOMER DRAWING FOR LGA4189 SOCKET
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				SCALE: 1:1 SHEET: 6/6 REV. AX3