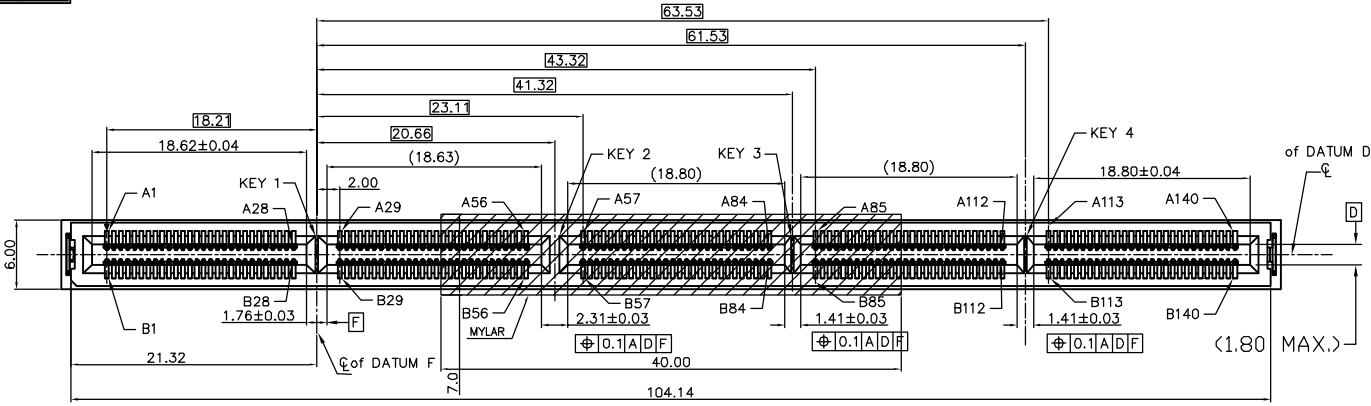
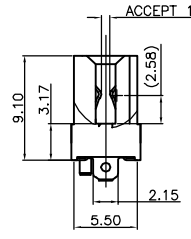
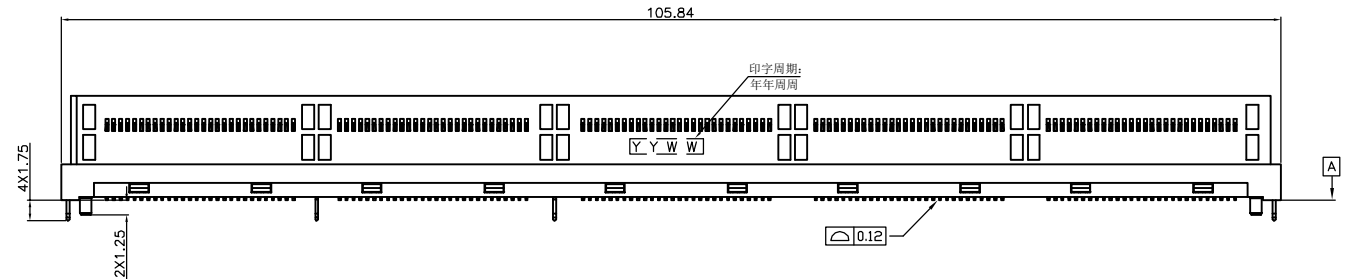


REV.	ECN.NO.	MODIFY.CONTENT
X1	2023-03-10	NEW
X2	2023-06-25	Update drawings



- NOTES:
- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC 94V-0, BLACK COLOR
TERMINAL: COPPER ALLOY
BOARD LOCK: COPPER ALLOY
 - PLATING:
TERMINAL:
SELECTIVE Au (SEE ORDER INFORMATION) ON CONTACT AREA,
MATTE TIN ON SOLDER TAIL AREA, BOTH OVER Ni UNDERPLATED.
 - THIS LAYOUT REFER TO THE SPECIFICATION OPC-NIC 3.0
 - MECHANICAL CHARACTERISTICS
4.1 MATING FORCE (MODULE TO CONNECTOR)
280PIN 8C = 154 N MAX.
4.2 MATING UNMATING FORCE
280PIN 8C = 14 N MIN.
4.3 DURABILITY: 200 CYCLES.
 - ELECTRICAL CHARACTERISTICS
5.1 CONTACT CURRENT RATING: 1.1AMPS . PER PIN.
5.2 INSULATION RESISTANCE: 1000 MEGOHMS
5.3 DIELECTRIC WITHSTANDING VOLTAGE:300 VAC CURRENT LEAKAGE:0.5mA MAX
5.4 LOW LEVEL CONTACT RESISTANCE:
INITIAL:30 MILLIOHMS MAX, DELTA:15 MILLIOHMS MAX.
 - OPERATING TEMPERATURE RANGE: -40°C TO +85°C .
 - THE PRODUCT DRAWING PER SFF-TA-1002 Rev:1.2



ORDER INFORMATION:
GENZ-*** L * 1 **

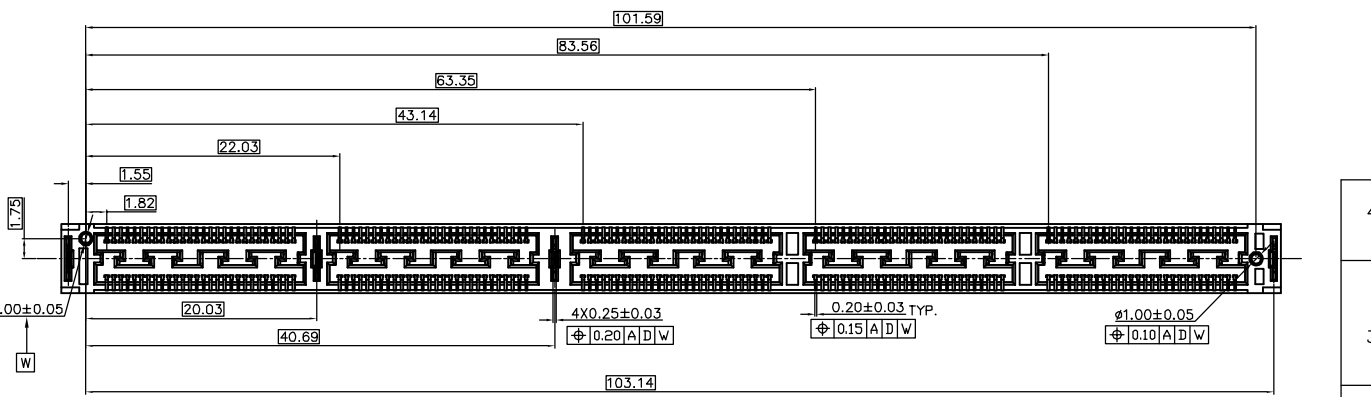
280:280Pin

0: WITH LOGO
1: WITHOUT LOGO

46: Au15u"/Sn80u"/Ni50u"
47: Au30u"/Sn80u"/Ni50u"

1: TYPE A

1: TRAY
2: HARD TRAY WITH LONG MYLAR

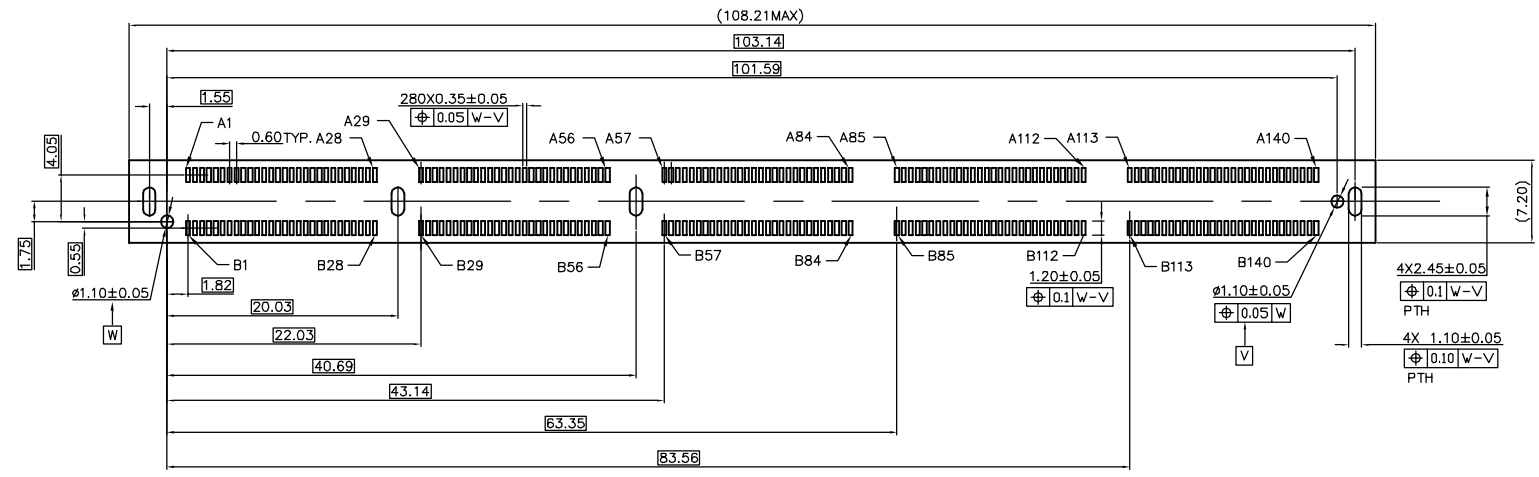


4	HOOK	4	BRASS	50u" NICKEL PLATING OVERALL UNDERPLATED,100u" MATTE TIN PLATING OVER NICKEL
3	CONTACT	280	NI-CU	NICKEL PLATING OVERALL UNDERPLATED, 90u" NICKEL AT CONTACT AREA . 100u" MATTE TIN PLATING OVER NICKEL AT TAIL, GOLD PLATING ON CONTACT AREA .
2	MOLDING	10	THERMOPLASTIC UL 94V-0	MOLDED BLACK
1	HOUSING	1	THERMOPLASTIC UL 94V-0	MOLDED BLACK
ITEM	DESCRIPTION	Q'TY	MATERIAL	TREATMENT

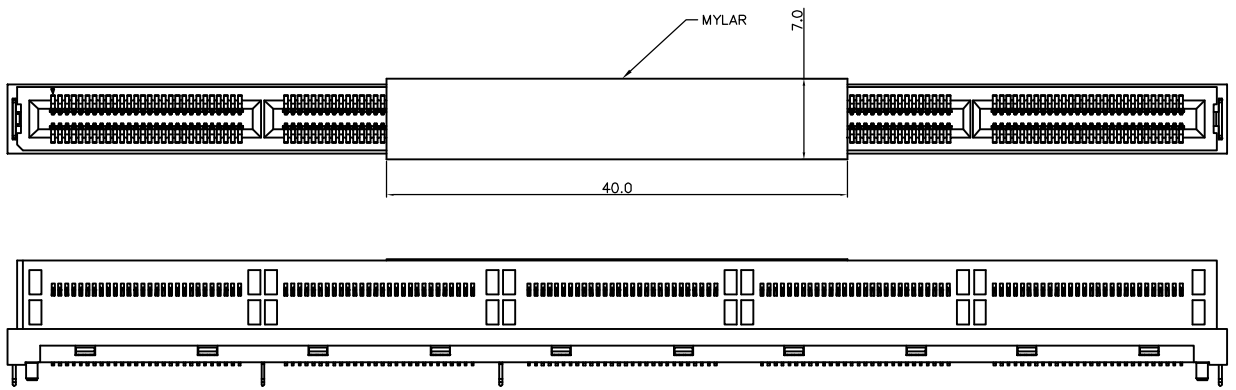
GENERAL TOLERANCE		DWG.NO.	GENZ-280L12100	PART.NO.	GENZ-280L12147	DRAWN	TJNY 2023-03-10
x.±0.50	x.*± 5°	REV.	X2	TITLE	GEN-Z 8C VERTICAL SMT TYPE	CHECKED	
.x±0.25	.x*± 2°	SIZE		SHEET	1 OF 5	APPROVED	
.xx±0.15	.xx*± 1°	A4					

OLN 东莞市欧联电子科技有限公司
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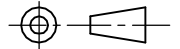
REV.	ECN.NO.	MODIFY.CONTENT
X1	2023-03-10	NEW
X2	2023-06-25	Update drawings



GEN-Z VERTICAL CONNECTOR FOOTPRINT

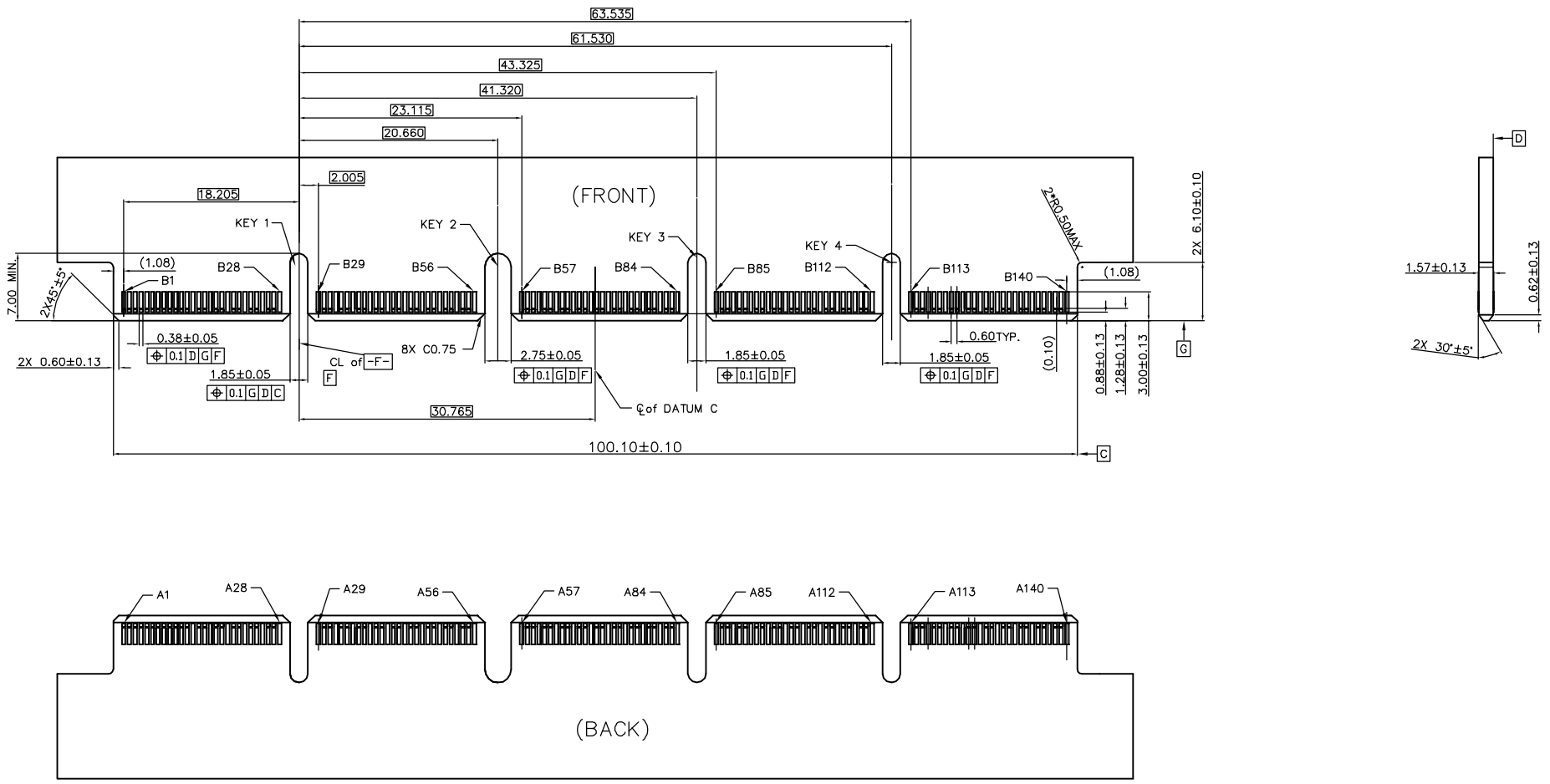


GENERAL TOLERANCE		DWG.NO.	PART.NO.	DRAWN	DATE
x,±0.50	x.*± 5°	GENZ-280L12100	GENZ-280L12147	TJNY	2023-03-10
.x±0.25	.x*± 2°	REV. X2	TITLE	CHECKED	
.xx±0.15	.xx± 1°	SIZE A4	SHEET	APPROVED	



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REV.	ECN.NO.	MODIFY.CONTENT
X1	2023-03-10	NEW
X2	2023-06-25	Update drawings



GEN-Z AIC MATING CARD

GENERAL	TOLERANCE	DWG.NO.	GENZ-280L12100	PART.NO.	GENZ-280L12147	DRAWN	TJNY 2023-03-10
x.±0.50	x.±5°	REV.	X2	TITLE	GEN-Z 8C VERTICAL SMT TYPE	CHECKED	
.x±0.25	.x±2°	SIZE	A4	SHEET	3 OF 5	APPROVED	
.xx±0.15	.xx±1°						

UNIT	mm	SCALE	1:1
 东莞市欧联电子科技有限公司 DONGGUAN OLN ELECTRONICS TECHNOLOGY CO., LTD.			

REV.	ECN.NO.	MODIFY.CONTENT
X1	2023-03-10	NEW
X2	2023-06-25	Update drawings

CONTACT NUMBER	SIDE A	SIDE B
1	G	G
2	S	S
3	S	S
4	G	G
5	S	S
6	S	S
7	G	G
8	S	S
9	S	S
10	G	G
11	S	S
12	S	S
13	G	G
14	S	S
15	S	S
16	G	G
17	S	S
18	S	S
19	G	G
20	S	S
21	S	S
22	G	G
23	S	S
24	S	S
25	G	G
26	S	S
27	S	S
28	G	G
KEY		
29	G	G
30	S	S
31	S	S
32	G	G
33	S	S
34	S	S
35	G	G
36	S	S

CONTACT NUMBER	SIDE A	SIDE B
37	S	S
38	G	G
39	S	S
40	S	S
41	G	G
42	S	S
43	S	S
44	G	G
45	S	S
46	S	S
47	G	G
48	S	S
49	S	S
50	G	G
51	S	S
52	S	S
53	G	G
54	S	S
55	S	S
56	G	G
KEY		
57	G	G
58	S	S
59	S	S
60	G	G
61	S	S
62	S	S
63	G	G
64	S	S
65	S	S
66	G	G
67	S	S
68	S	S
69	G	G
70	S	S
71	S	S
72	G	G

CONTACT NUMBER	SIDE A	SIDE B
73	S	S
74	S	S
75	G	G
76	S	S
77	S	S
78	G	G
79	S	S
80	S	S
81	G	G
82	S	S
83	S	S
84	G	G
KEY		
85	G	G
86	S	S
87	S	S
88	G	G
89	S	S
90	S	S
91	G	G
92	S	S
93	S	S
94	G	G
95	S	S
96	S	S
97	G	G
98	S	S
99	S	S
100	G	G
101	S	S
102	S	S


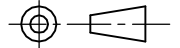
CONTACT NUMBER	SIDE A	SIDE B
103	G	G
104	S	S
105	S	S
106	G	G
107	S	S
108	S	S
109	G	G
110	S	S
111	S	S
112	G	G
KEY		
113	G	G
114	S	S
115	S	S
116	G	G
117	S	S
118	S	S
119	G	G
120	S	S
121	S	S
122	G	G
123	S	S
124	S	S
125	G	G
126	S	S
127	S	S
128	G	G
129	S	S
130	S	S
131	G	G
132	S	S

CONTACT NUMBER	SIDE A	SIDE B
133	S	S
134	G	G
135	S	S
136	S	S
137	G	G
138	S	S
139	S	S
140	G	G

CONNECTOR CONTACT IDENTIFICATION.

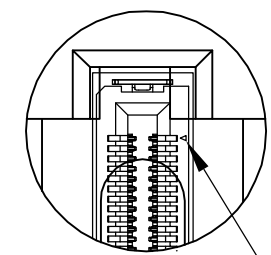
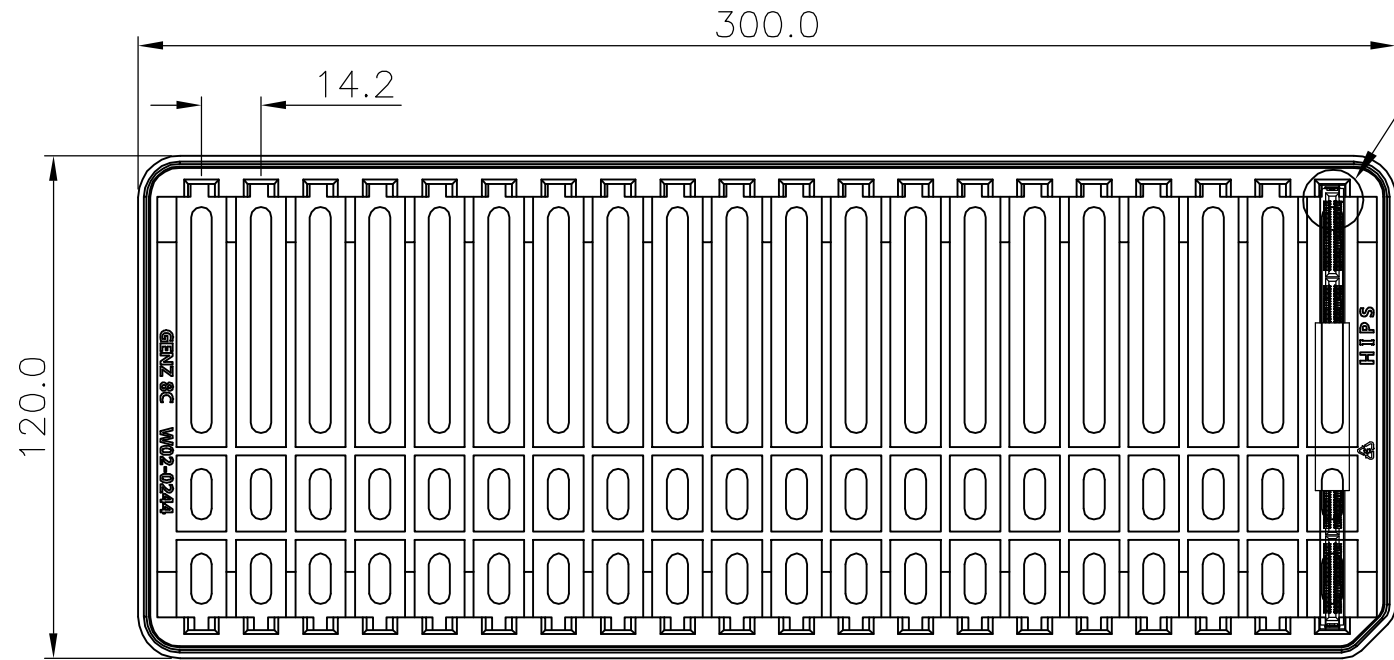
G : GROUND

S : SIGNAL

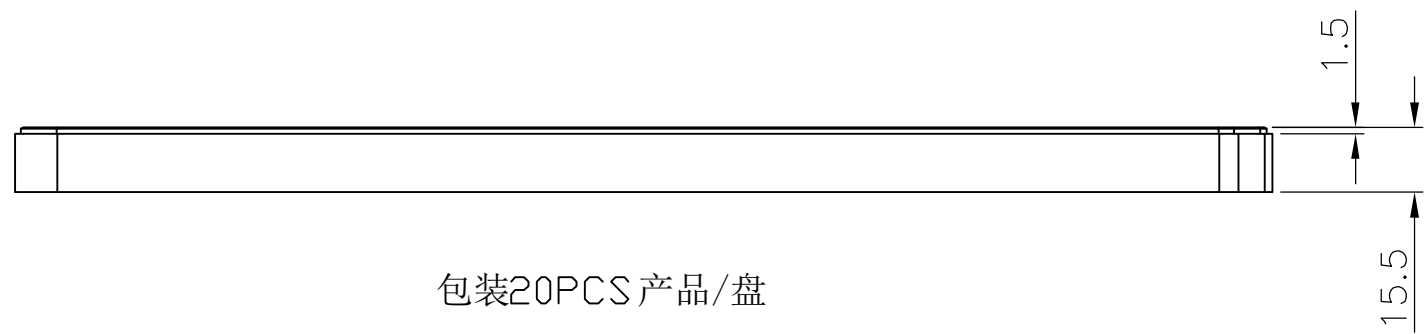
GENERAL TOLERANCE		DWG.NO.	GENZ-280L12100		PART.NO.	GENZ-280L12147		DRAWN	TONY 2023-03-10		UNIT	mm		SCALE	1:1	
x,±0.50	x.± 5°	REV.	X2		TITLE	GEN-Z 8C VERTICAL SMT TYPE		CHECKED			 东莞市欧联电子科技有限公司 DONGGUAN OLN ELECTRONICS TECHNOLOGY CO., LTD.					
.x±0.25	.x ± 2°	SIZE			SHEET	4 OF 5		APPROVED								
.xx±0.15	.xx± 1°	A4														

RoHS Compliant HF

REV.	ECN.NO.	MODIFY.CONTENT
X1	2023-03-10	NEW
X2	2023-06-25	Update drawings



DETAIL: A
SCALE: 4: 1



GENERAL TOLERANCE		DWG.NO.	GENZ-280L12100	PART.NO.	GENZ-280L12147	DRAWN	TQNY 2023-03-10
x.±0.50	x. ± 5°	REV.	X2	TITLE	GEN-Z 8C VERTICAL SMT TYPE	CHECKED	
.x±0.25	.x ± 2°	SIZE		SHEET	5 OF 5	APPROVED	
.xx±0.15	.xx ± 1°	A4					

UNIT	mm	SCALE	1:1
东莞市欧联电子科技有限公司 DONGGUAN OLN ELECTRONICS TECHNOLOGY CO., LTD.			