

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A6		ECR-19-018617	29NOV2019	TZ	SZ
A7		ECR-21-102182	28JUN2021	TZ	SH

NOTES,UNLESS OTHERWISE SPECIFIED:
1."TE",PART NUMBER AND DATE CODE TO BE MARKED IN AREA SHOWN.

2.MATERIAL:
HOUSING - GLASS FILLED HIGH TEMP THERMO PLASTIC,
COLOR: BLACK, UL94 V- 0.

SIGNAL CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.

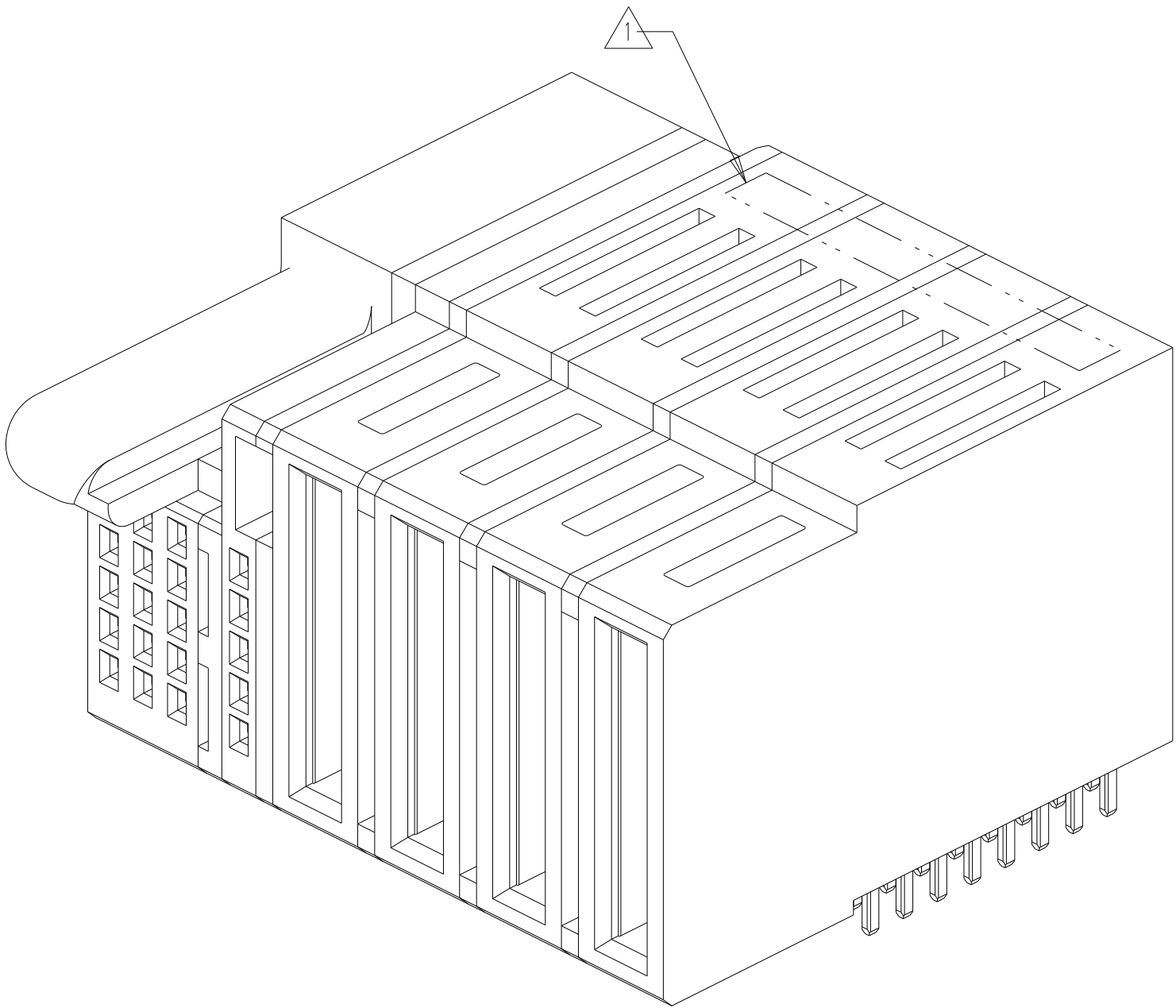
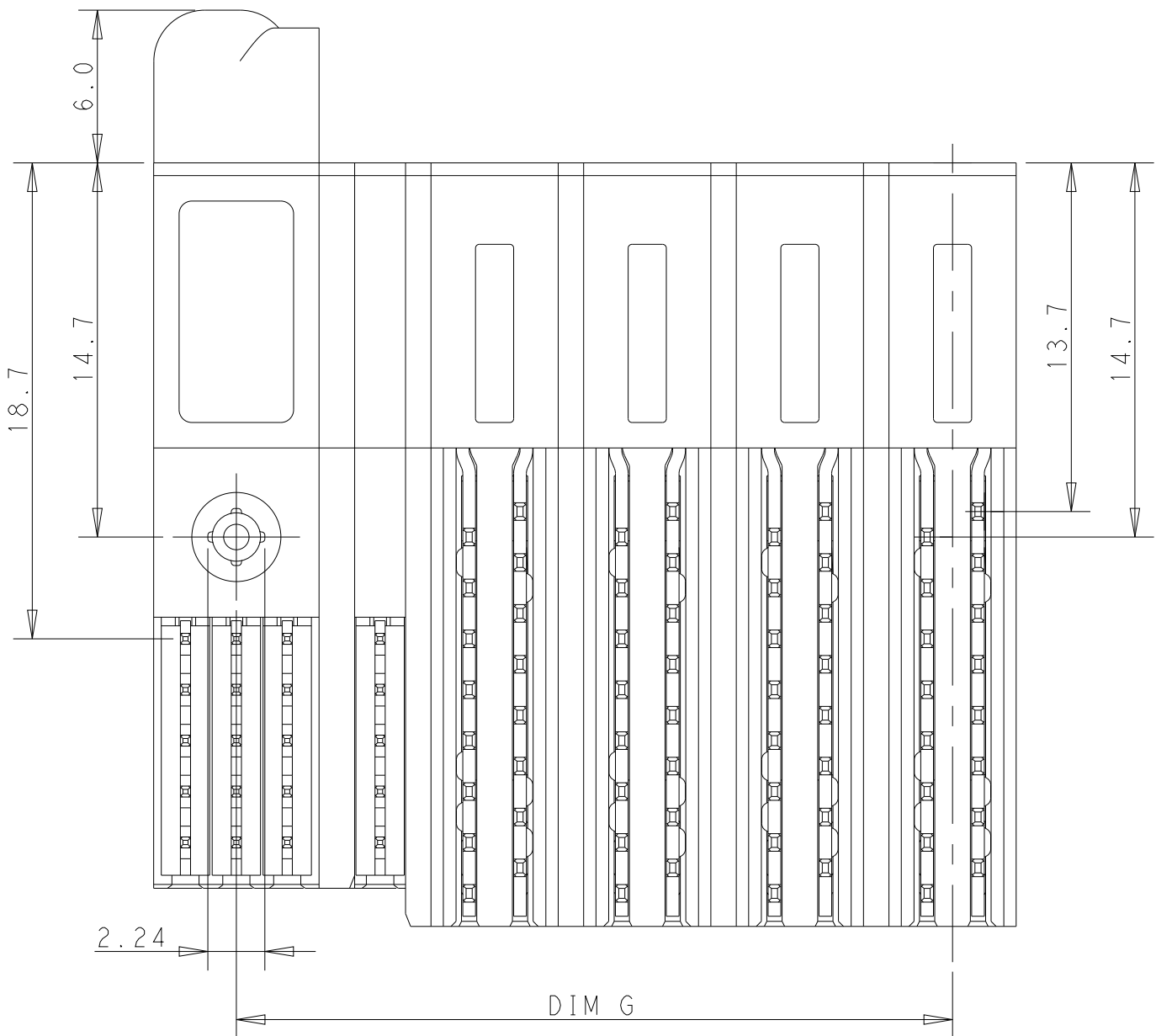
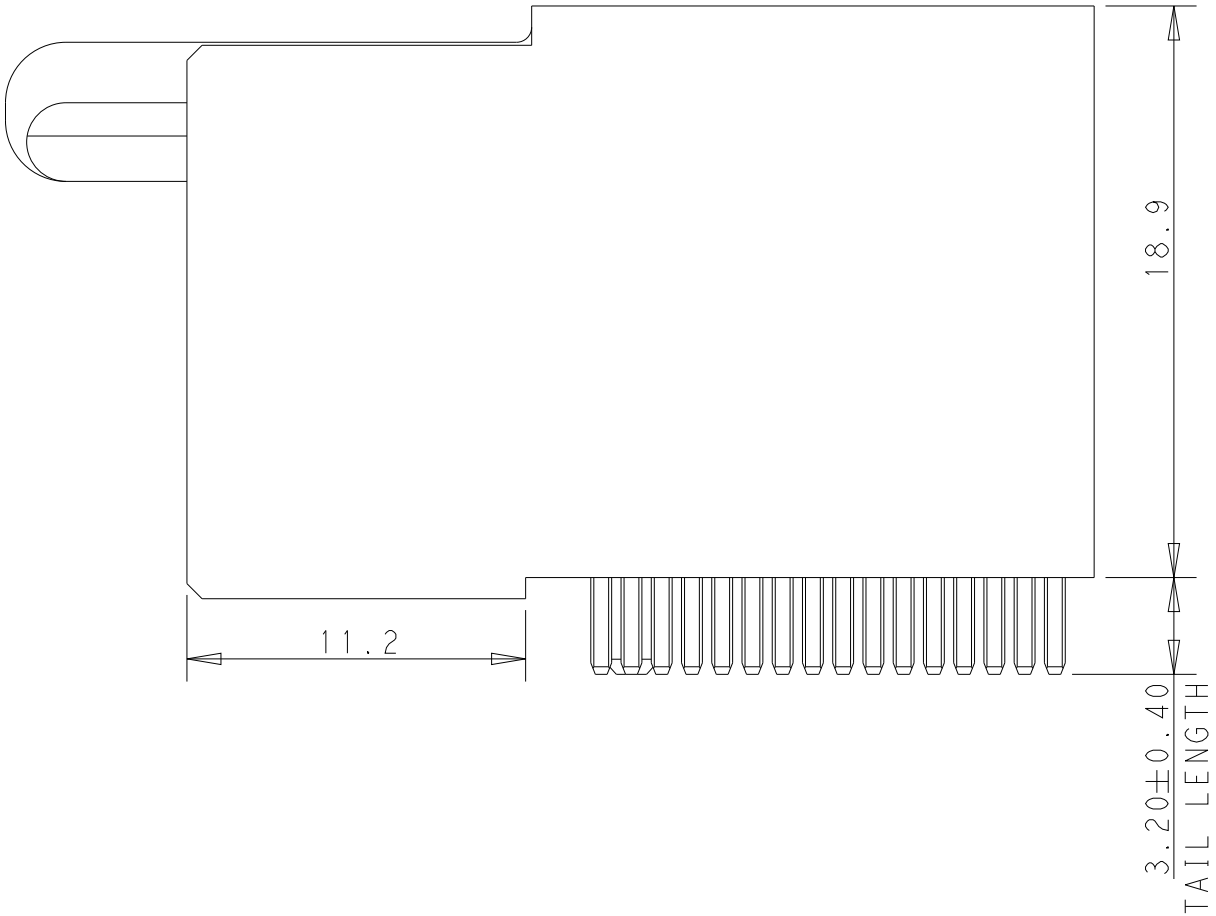
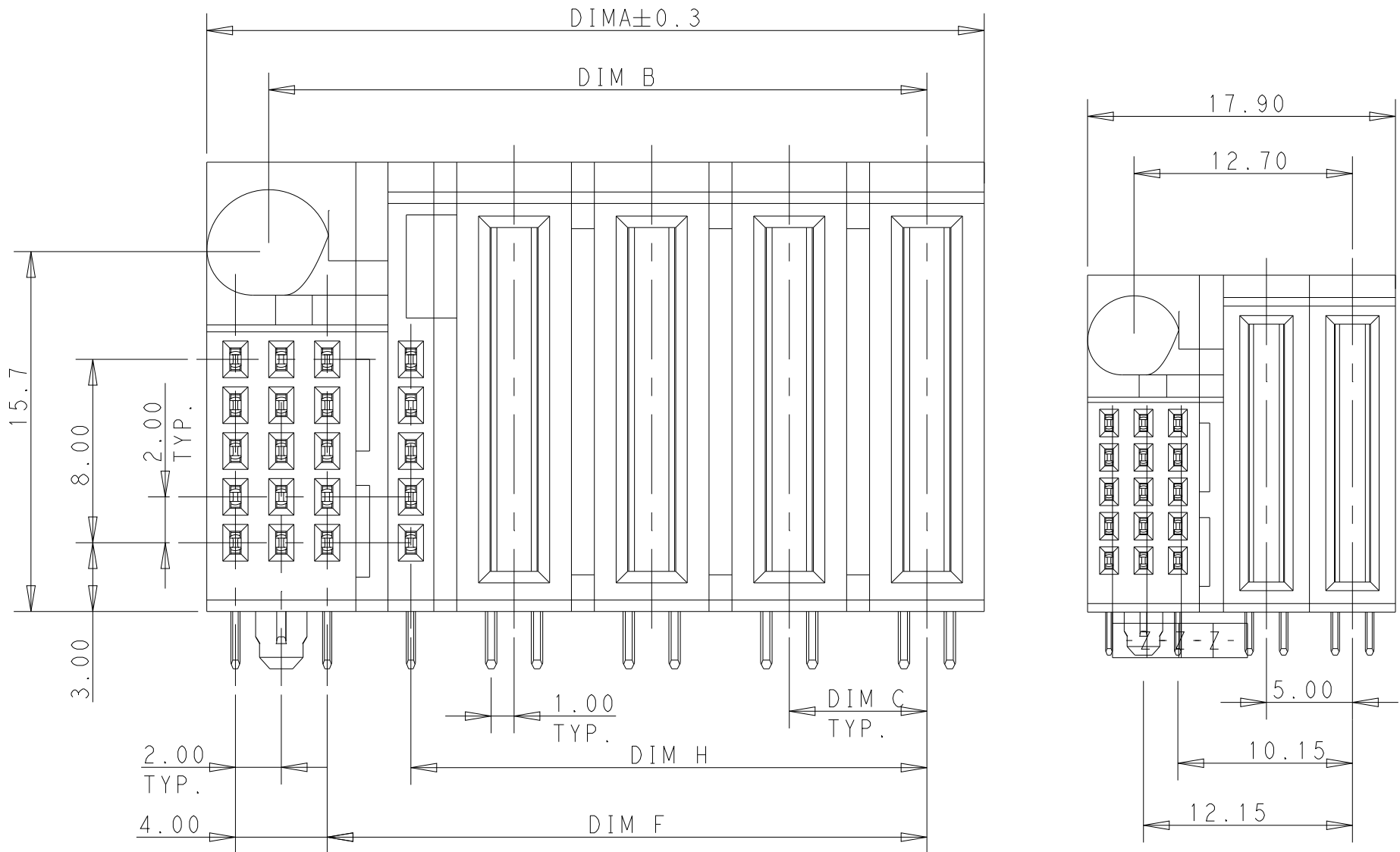
3.CONTACT PLATING:
MATING AREA - NOBLE METAL OVERALL NICKEL
TAIL SIDE AREA - MATTE TIN OVERALL NICKEL.

4.MECHANICAL CONNECTOR KEEP OUT ZONE.

5.DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

6.PCB - ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.

7.PCB HOLE:
POWER - 1.15±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN.
Sn OVER 0.025-0.076 MM Cu PLATING TO ACHIEVE A 1.02 MM DIA. HOLE.
SIGNAL - 0.835±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN.
Sn OVER 0.025-0.076 MM Cu PLATING TO ACHIEVE A 0.72 MM DIA. HOLE.
8.THE UN-MATING DISTANCE IS 2.0MM FOR THE P/N:2204416-8

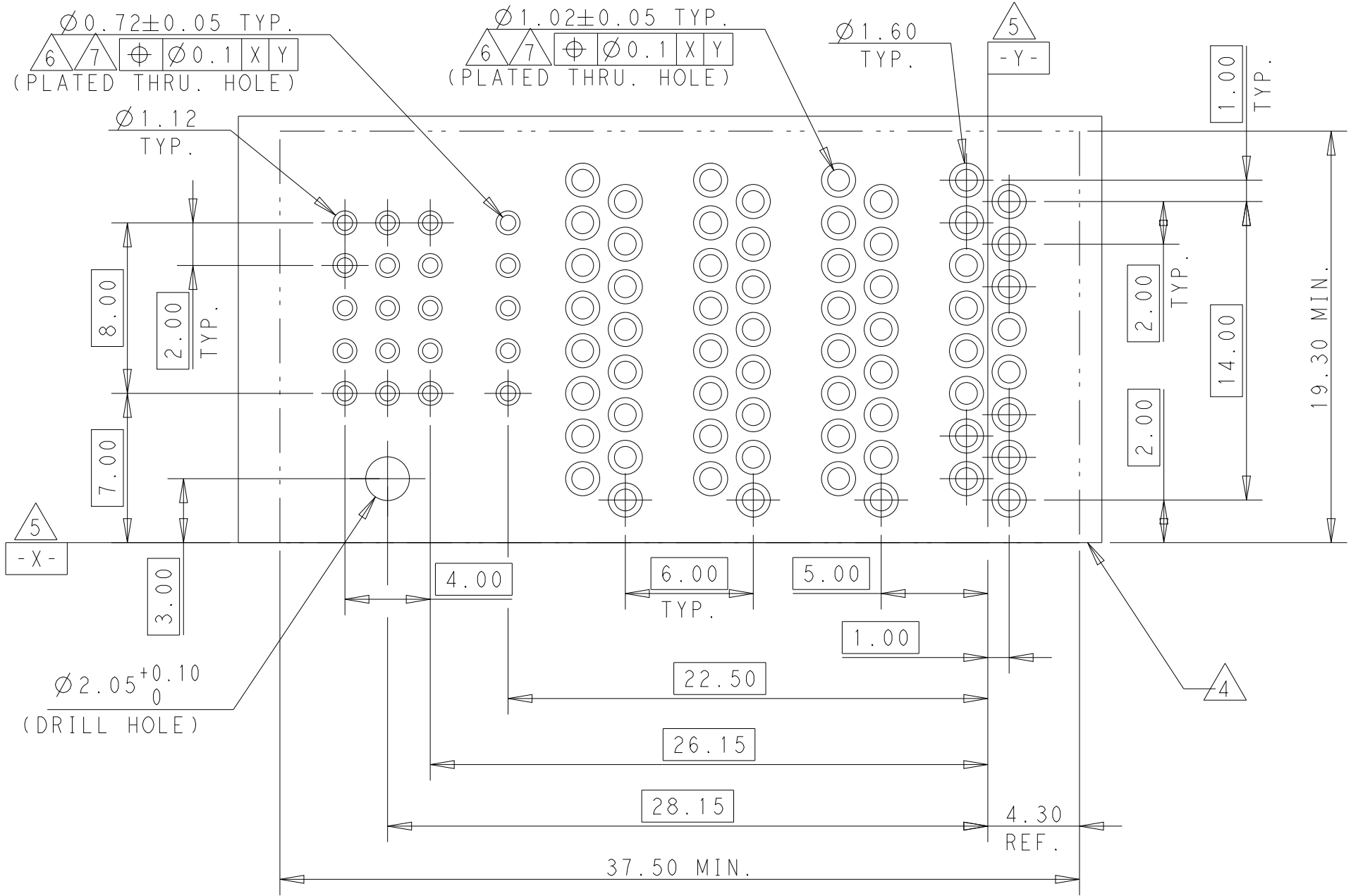


PRELIMINARY
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PRELIMINARY

15.00	10.05	5.00	24.50	30.15	28.15	5.00	30.70	35.90	2P+2LP+2P+20S	2204416-8
-	-	-	-	32.15	30.15	5.00	32.70	38.15	15S+6P	2204416-7
-	6.00	5.00	34.50	40.15	38.15	6.00	40.70	61.40	3VMP+6VP+20S	2204416-6
-	-	-	-	12.15	10.15	5.00	12.70	17.90	2P+15S	2204416-5
15.00	10.05	5.00	24.50	30.15	28.15	5.00	30.70	35.90	2P+2LP+2P+20S	2204416-3
15.00	10.05	5.00	24.50	30.15	28.15	5.00	30.70	35.90	2P+2LP+2P+20S	2204416-2
-	-	-	22.50	28.15	26.15	6.00	28.70	33.90	4VP+20S	2204416-1
DIM M.	DIM E.	DIM D.	DIM H.	DIM G.	DIM F.	DIM C.	DIM B.	DIM A.	DESCRIPTION	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	27JULY2016		 TE Connectivity							
TOLERANCES UNLESS OTHERWISE SPECIFIED:				CHK	THOMAS ZHAO									
DIMENSIONS:				APVD	SUNY ZHAO 27JULY2016		CUSTOMER DRAWING R/A REC. WITH SINGLE GUIDE MULTI-BEAM HD SOLDER TYPE							
mm				PRODUCT SPEC										
				APPLICATION SPEC										
				SIZE										
				CAGE CODE										
				DRAWING NO										
				RESTRICTED TO										
MATERIAL				WEIGHT							A1 - C=2204416 -			
FINISH				SCALE										
CUSTOMER DRAWING				SHEET										
2				1										
3				3										

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



PCB LAYOUT FOR PART NUMBER: 2204416-1

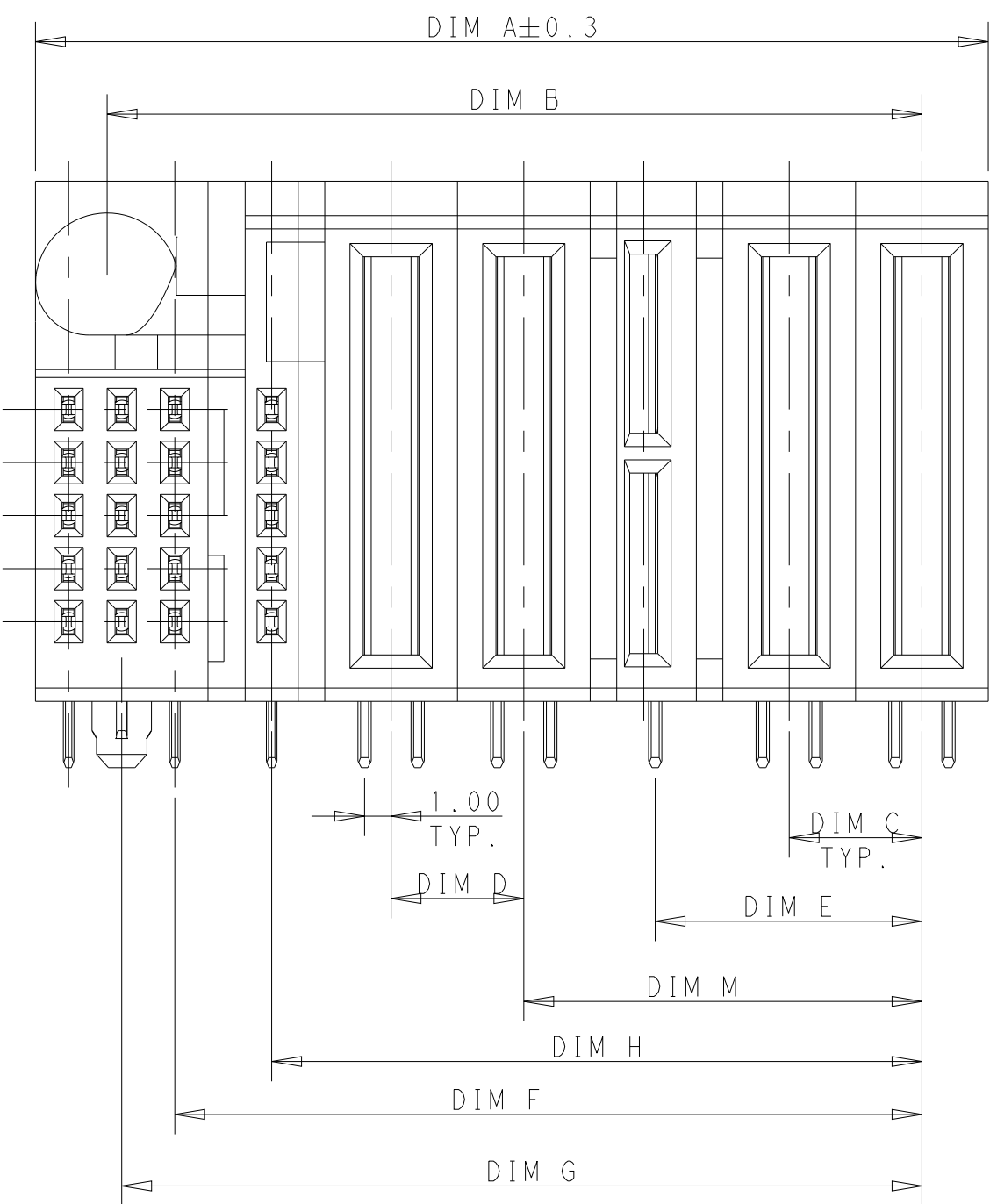
PART NUMBER	ROWS	SIGNAL				POWER			
		4	3	2	1	P4	P3	P2	P1
2204416-1									
	E	VT	VT	VT	VT	PT	PT	PT	PT
	D	VT	VT	VT	VT				
	C	VT	VT	VT	VT				
	B	VT	VT	VT	VT				
A	VT	VT	VT	VT					
4VP+20S									

PART NUMBER	ROWS	SIGNAL				POWER					
		4	3	2	1	P4	P3	LP	P2	P1	
2204416-2	E	VT	VT	VT	VT	PT	PT	LT 1	PT	PT	
	D	VT	VT	VT	VT						
	C	VT	VT	VT	VT						
	B	VT	VT	VT	VT						
	A	VT	VT	VT	VT						
2P+2LP+2P+20S											

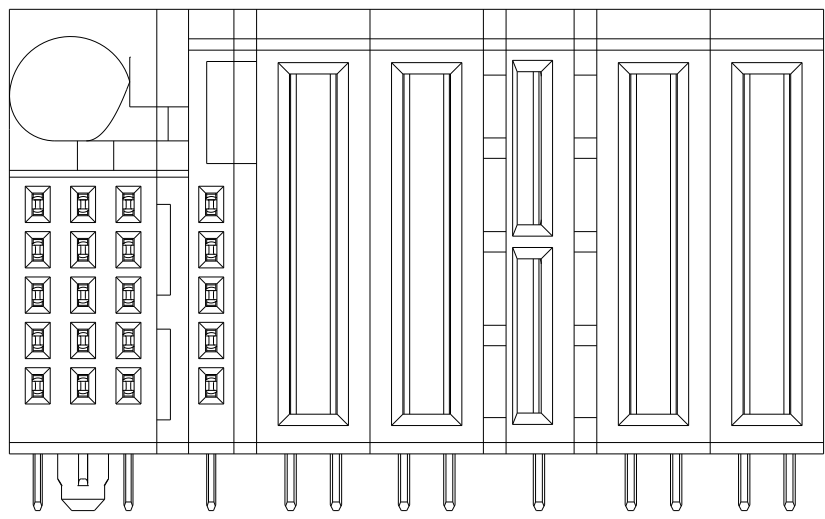
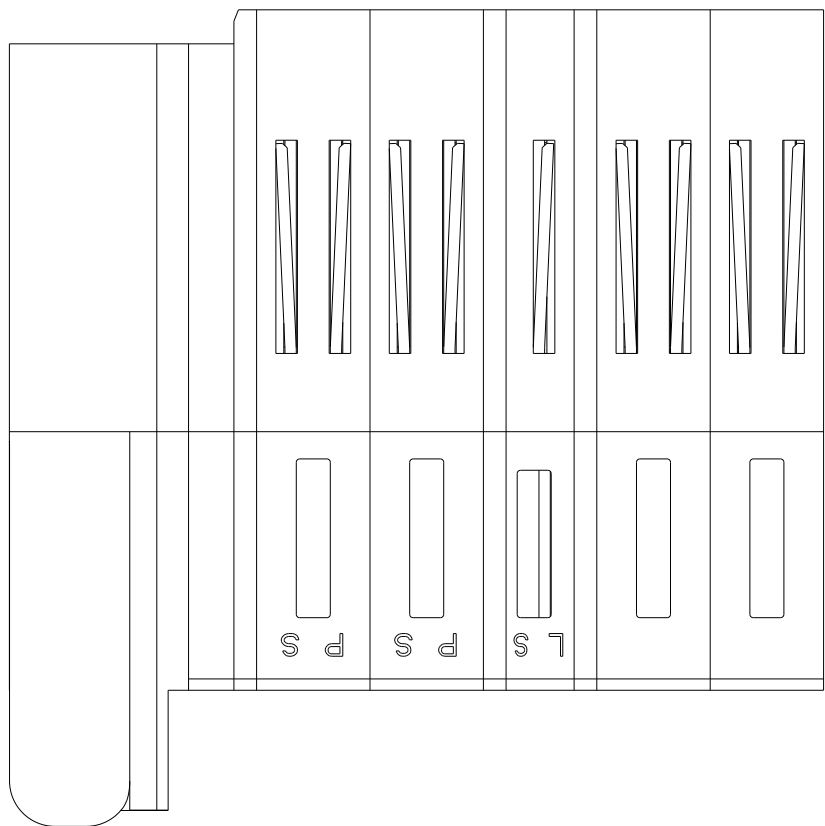
PART NUMBER	ROWS	SIGNAL				POWER				
		4	3	2	1	P4	P3	LP	P2	P1
2204416-3	E	VT	VT	VT	VT	PW	PW	LW 1	PT	PT
	D	VT	VT	VT	VT					
	C	VT	VT	VT	VT					
	B	VT	VT	VT	VT					
	A	VT	VT	VT	VT					
2P+2LP+2P+20S										

PART NUMBER	ROWS	SIGNAL				POWER																																																																																																																																																																																													
		4	3	2	1	P6	P5	P4	P3	P2	P1	MP3	MP2	MP1																																																																																																																																																																																					
2204416-6	E																																																																																																																																																																																																		

PART NUMBER	ROWS	SIGNAL				POWER					
		4	3	2	1	P4	P3	LP	P2	P1	
2204416-8	E	VT	VT	VT	VT	PL	PL	LL 1	PG	PG	
	D	VT	VT	VT	VT						
	C	VT	VT	VT	VT						
	B	VT	VT	VT	VT						
	A	VT	VT	VT	VT						
2P+2LP+2P+20S											

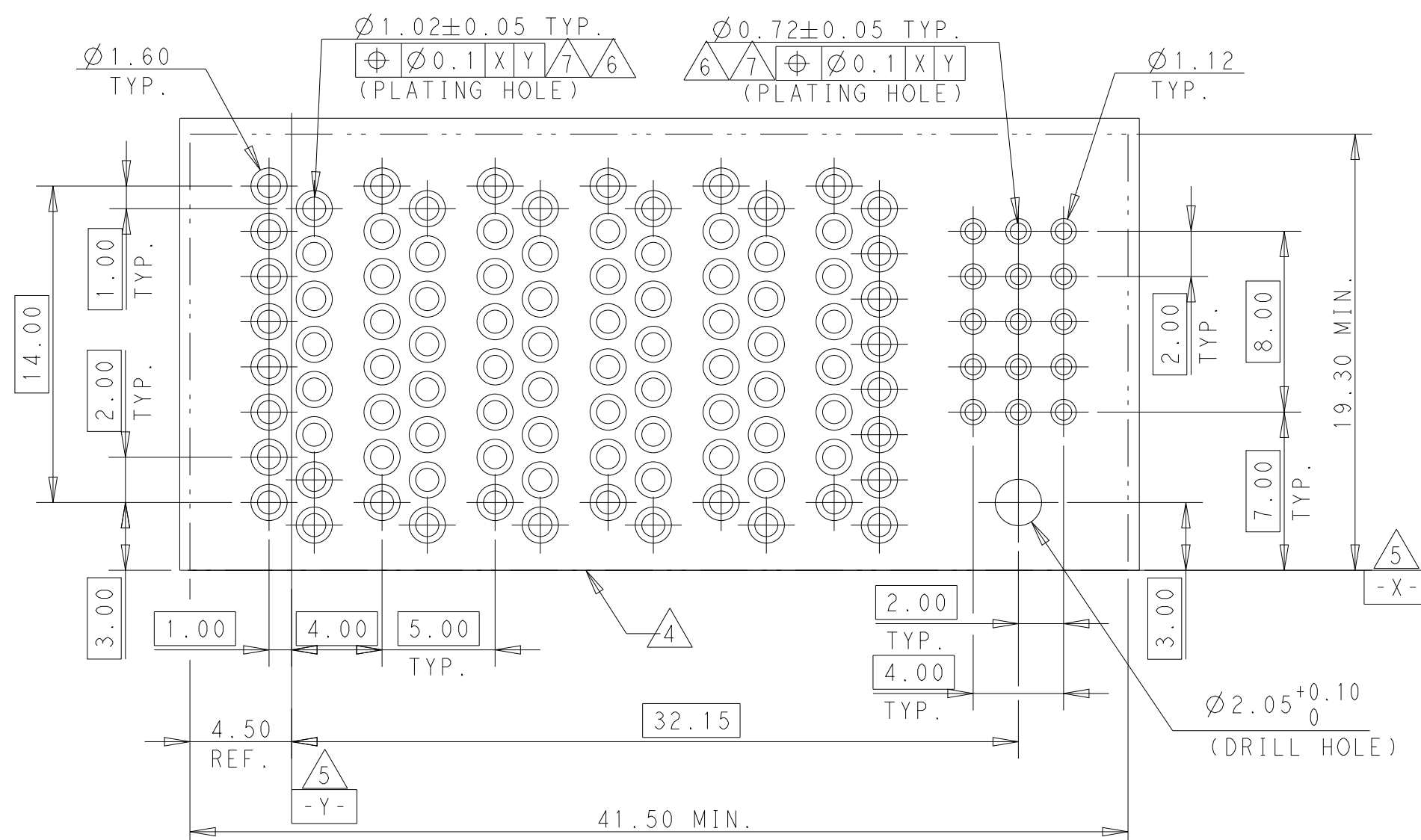


PART NUMBER:2204416-2
THE DIMENSION OF 2204416-/3/8 ALSO REFER ABOVE DIM.



PART NUMBER: 2204416-3/8

MIDDLE POWER RIGHT CONTACT MFBL SOLDER	MT1
MIDDLE POWER LEFT CONTACT MFBL SOLDER	MT2
POWER CONTACT SOLDER MFBL EXTENTED UN-MATING	PG
POWER CONTACT SOLDER STANDARD EXTENTED UN-MATING	PL
POWER CONTACT SOLDER MFBL	PT
POWER CONTACT SOLDER STANDARD	PW
SIGNAL CONTACT SOLDER TYPE	ST
TOP LOW POWER CONTACT STANDARD EXTEND UN-MATING	LL1
BOTTOM LOW POWER CONTACT STANDARD EXTEND UN-MATING	LL2
TOP LOW POWER CONTACT STANDARD	LW1
BOTTOM LOW POWER CONTACT STANDARD	LW2
TOP LOW POWER CONTACT MFBL	LT1
BOTTOM LOW POWER CONTACT MFBL	LT2
I/M SIGNAL CONTACT SOLDER TYPE	VT
HP/SIGNAL WITH SINGAL GUIDE	HOUSING
DESCRIPTION	CODE



PCB LAYOUT P/N: 2204416-7

4805 (3/13)