

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A6		ECR-19-018617	29NOV2019	TZ	SZ
A7		ECR-21-102182	28JUN2021	TZ	SH
A8		REVISED AS PER ECR-25-241289	19MAY2025	PK	VNB

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:

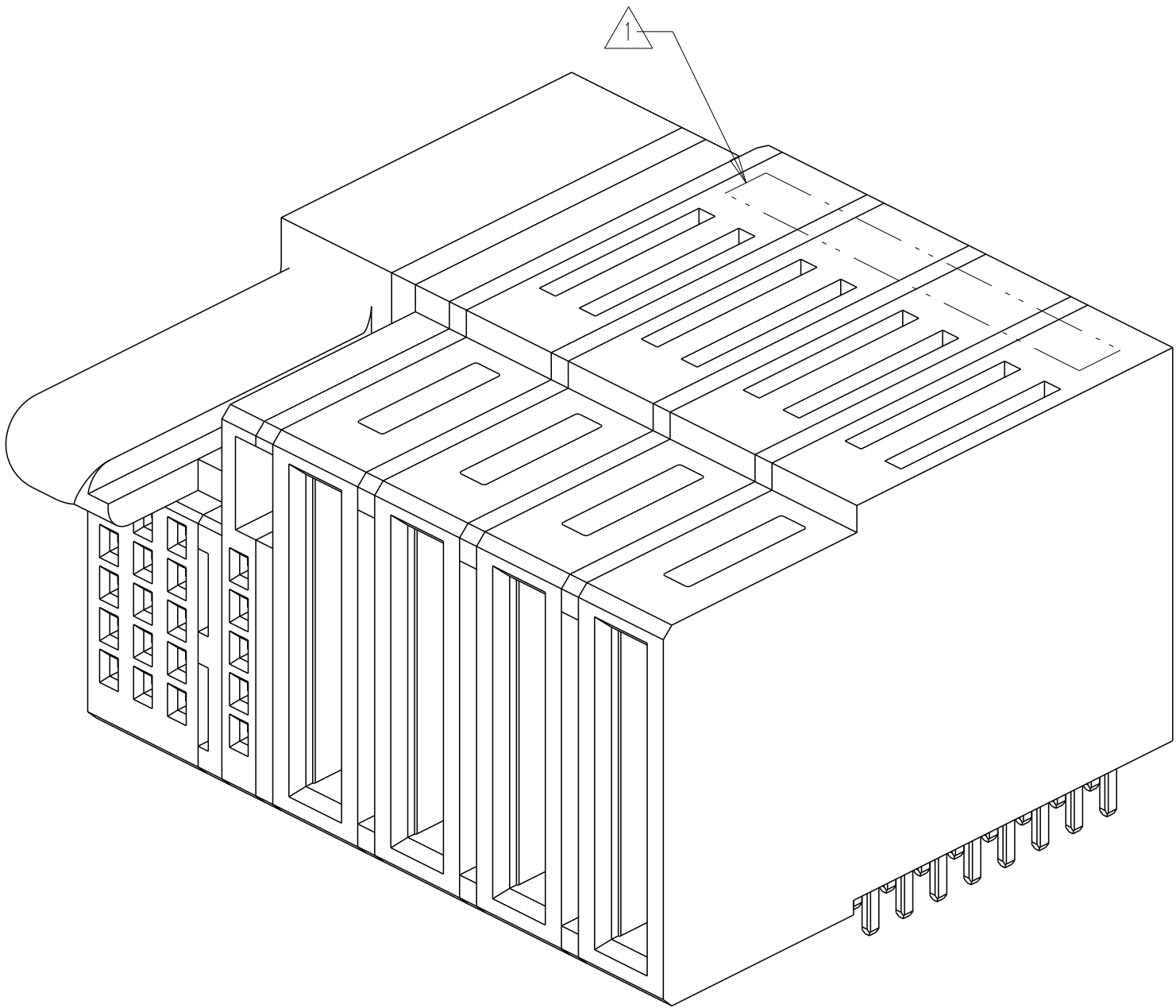
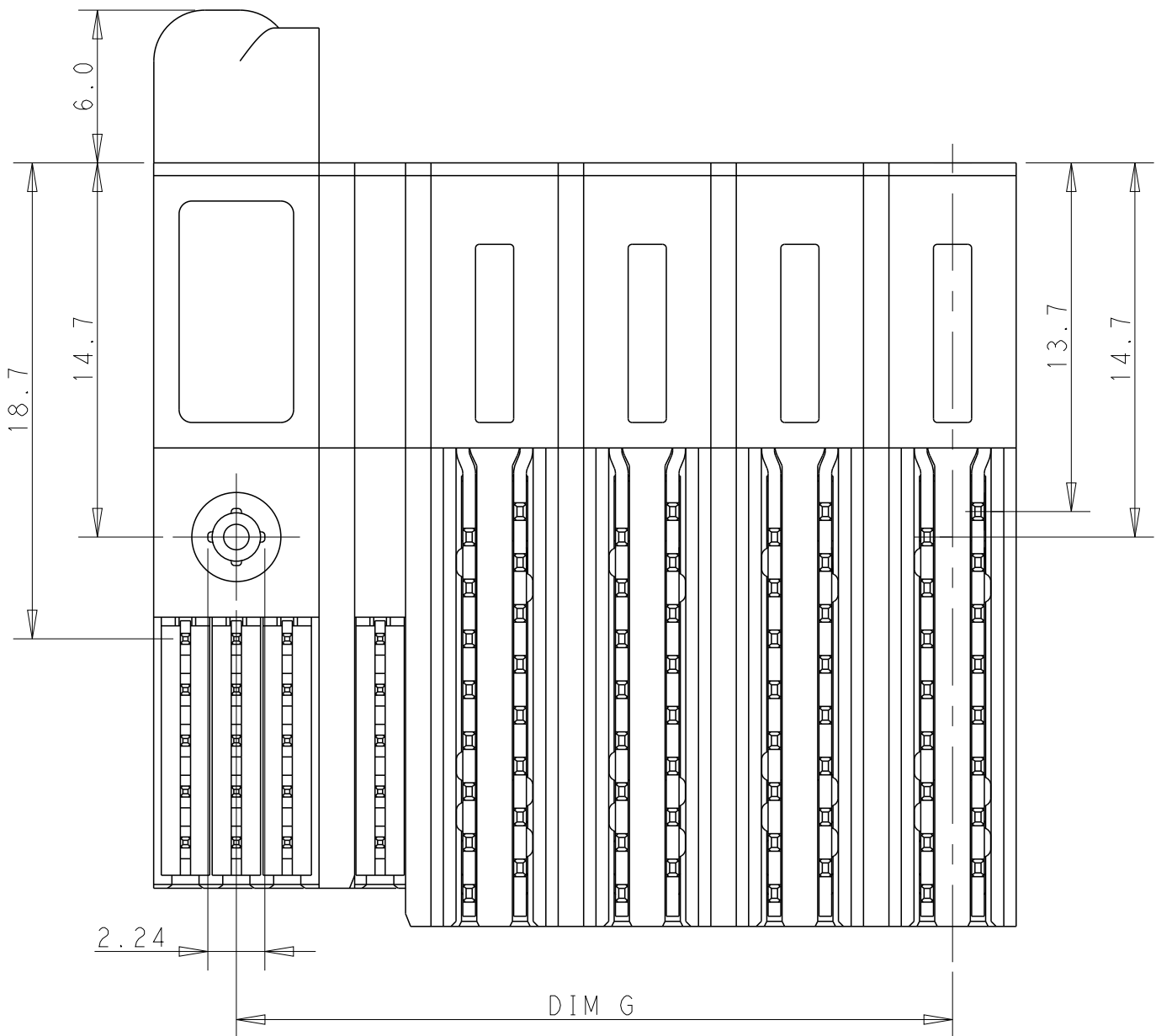
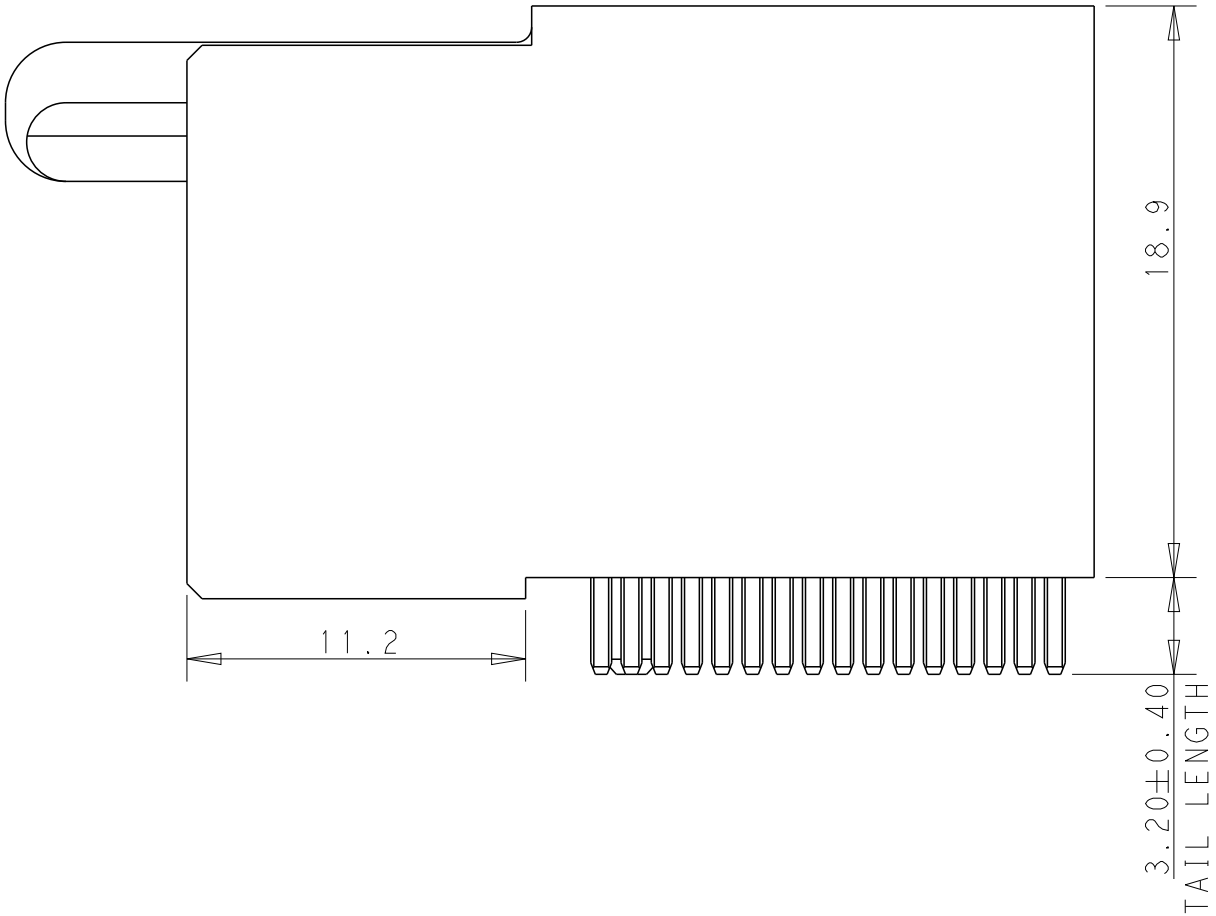
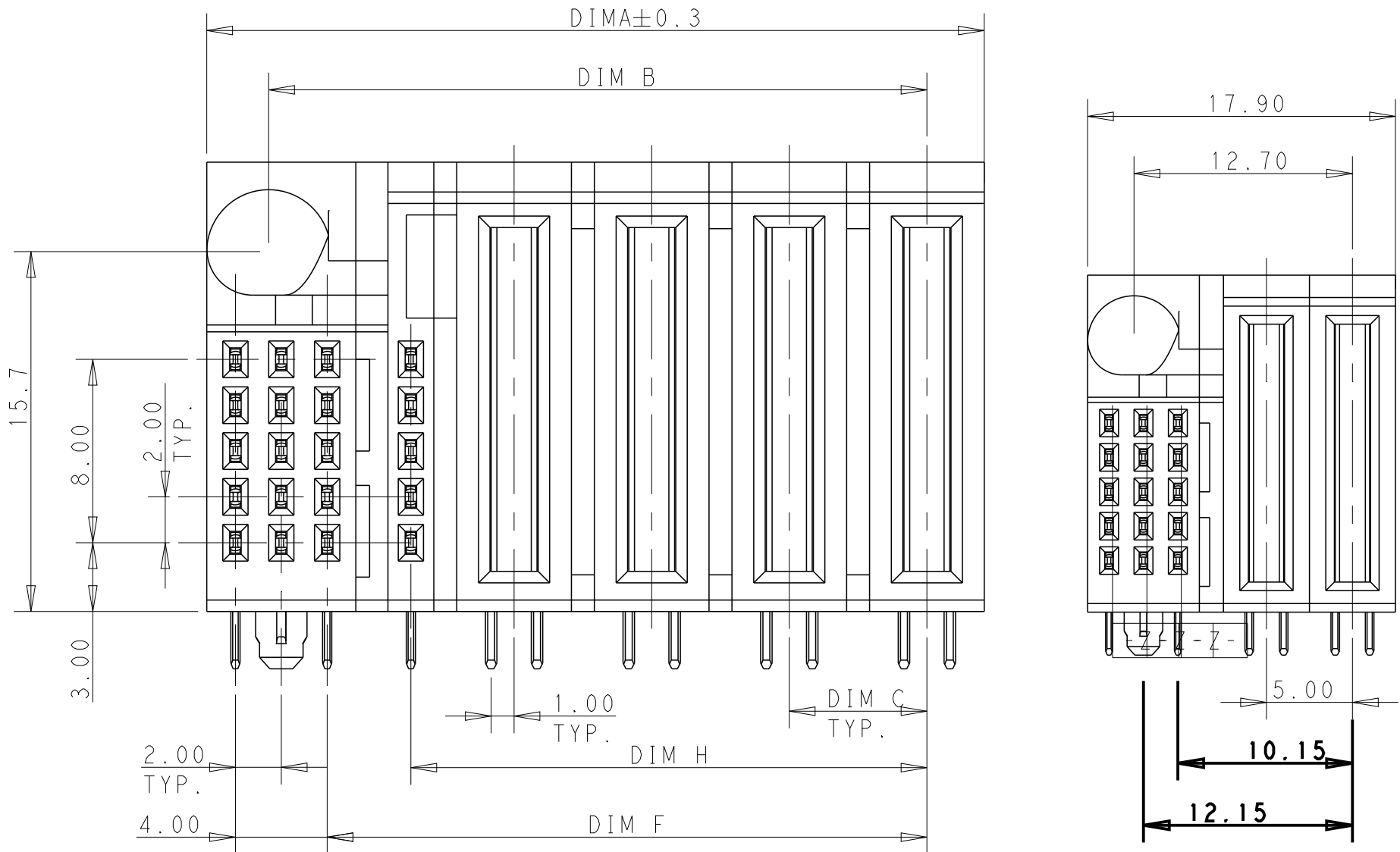
POWER - 1.15±0.025 MM DRILLED HOLES SIZE PLATING WITH 0.0076 MM MIN.

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



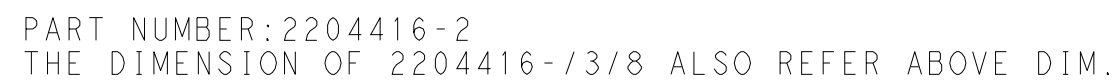
OBSELETE	15.00	10.05	5.00	24.50	30.15	28.15	5.00	30.70	35.90	2P+2LP+2P+20S	2204416-8
PRELIMINARY	-	-	-	-	32.15	30.15	5.00	32.70	38.15	15S+6P	2204416-7
PRELIMINARY	-	6.00	5.00	34.50	40.15	38.15	6.00	40.70	61.40	3VMP+6VP+20S	2204416-6
PRELIMINARY	-	-	-	-	12.15	10.15	5.00	12.70	17.90	2P+15S	2204416-5
	15.00	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 THOMAS ZHAO 27JULY2016	TE Connectivity	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK SUNY ZHAO 27JULY2016		
DIMENSIONS:	mm	0 PLC ±0.4 1 PLC ±0.25 3 PLC ±0.15 4 PLC ± ANGLES ± FINISH ±	NAME CUSTOMER DRAWING R/A REC. WITH SINGLE GUIDE MULTI-BEAM HD SOLDER TYPE	
MATERIAL	2	3	SIZE A1	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 4:1	SHEET 1 OF 3
			REV A8	



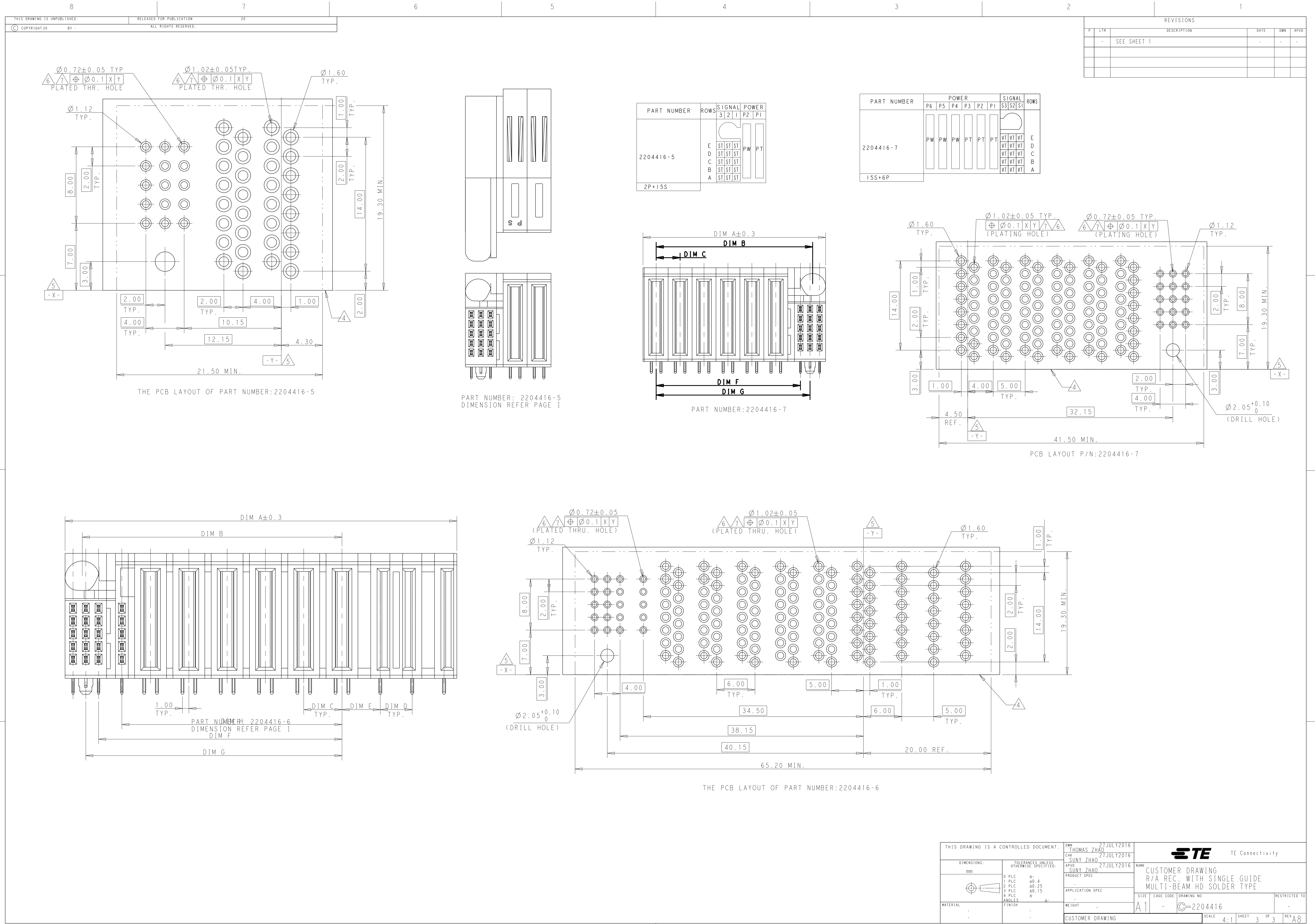
PART NUMBER	ROWS	SIGNAL			POWER				
		4	3	2	P4	P3	LP	P2	P1
2204416-2	E	VT	VT	VT	VT	PT	PT	PT	PT
	D	VT	VT	VT	VT				
	C	VT	VT	VT	VT				
	B	VT	VT	VT	VT				
	A	VT	VT	VT	VT				
2P+2LP+2P+20S									

PART NUMBER	ROWS	SIGNAL				POWER									
		4	3	2	1	P6	P5	P4	P3	P2	P1	MP3	MP2	MP1	
2204416-6															
	E	VT	VT	VT	VT	PT	PT	PT	PT	PT	PT	MT	MT	MT	
	D	VT	VT	VT	VT										
	C	VT	VT	VT	VT										
	B	VT	VT	VT	VT										
	A	VT	VT	VT	VT										
3VMP+6VP+20S															



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

MIDDLE POWER RIGHT CONTACT MFBL SOLDER	MT1
MIDDLE POWER LEFT CONTACT MFBL SOLDER	MT2
POWER CONTACT SOLDER MFBL EXTENDED UN-MATING	PG
POWER CONTACT SOLDER STANDARD EXTENDED 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 SIGNAL GUIDE	HOUSING
DESCRIPTION	CODE



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN THOMAS_ZHAO 27JULY2016		
DIMENSIONS:		CHK SUNY_ZHAO 27JULY2016		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SUNY_ZHAO 27JULY2016	NAME CUSTOMER DRAWING	
	0 PLC ±0.4	PRODUCT SPEC	R/A REC. WITH SINGLE GUIDE	
	1 PLC ±0.25	APPLICATION SPEC		
MATERIAL		WEIGHT	RESTRICTED TO	
FINISH		SIZE A1	CAGE CODE DRAWING NO	
		C=2204416	REV A8	
CUSTOMER DRAWING		SCALE 4:1	SHEET 3 OF 3	