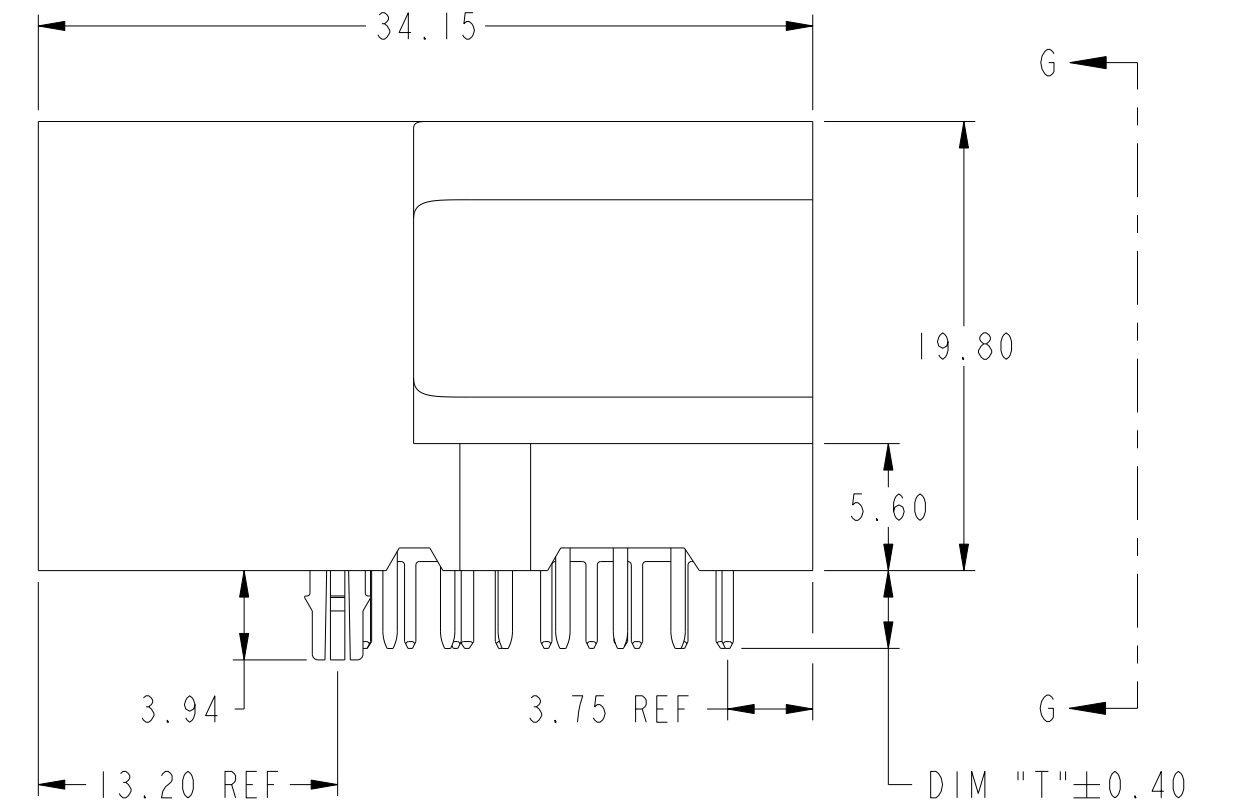
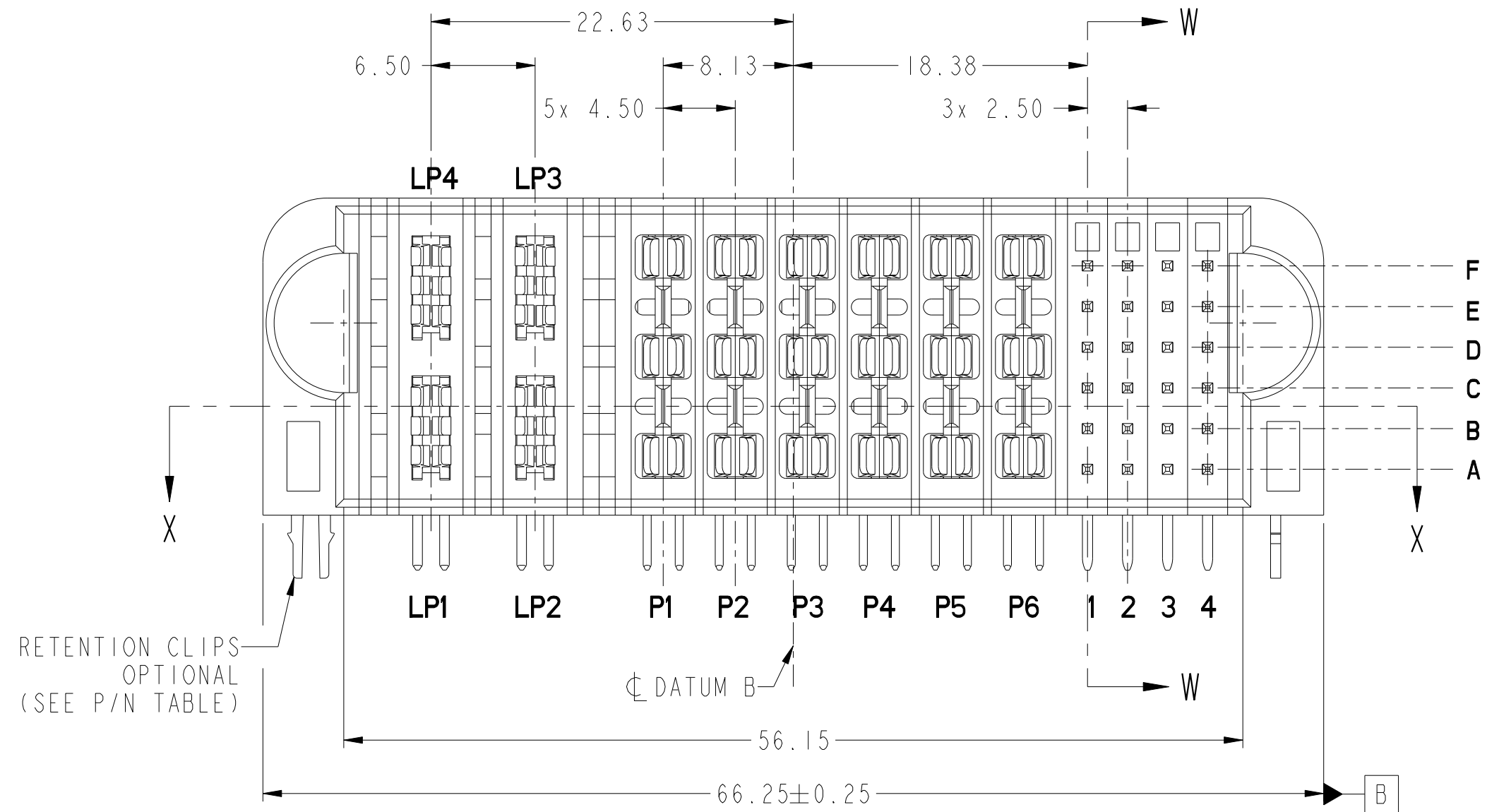
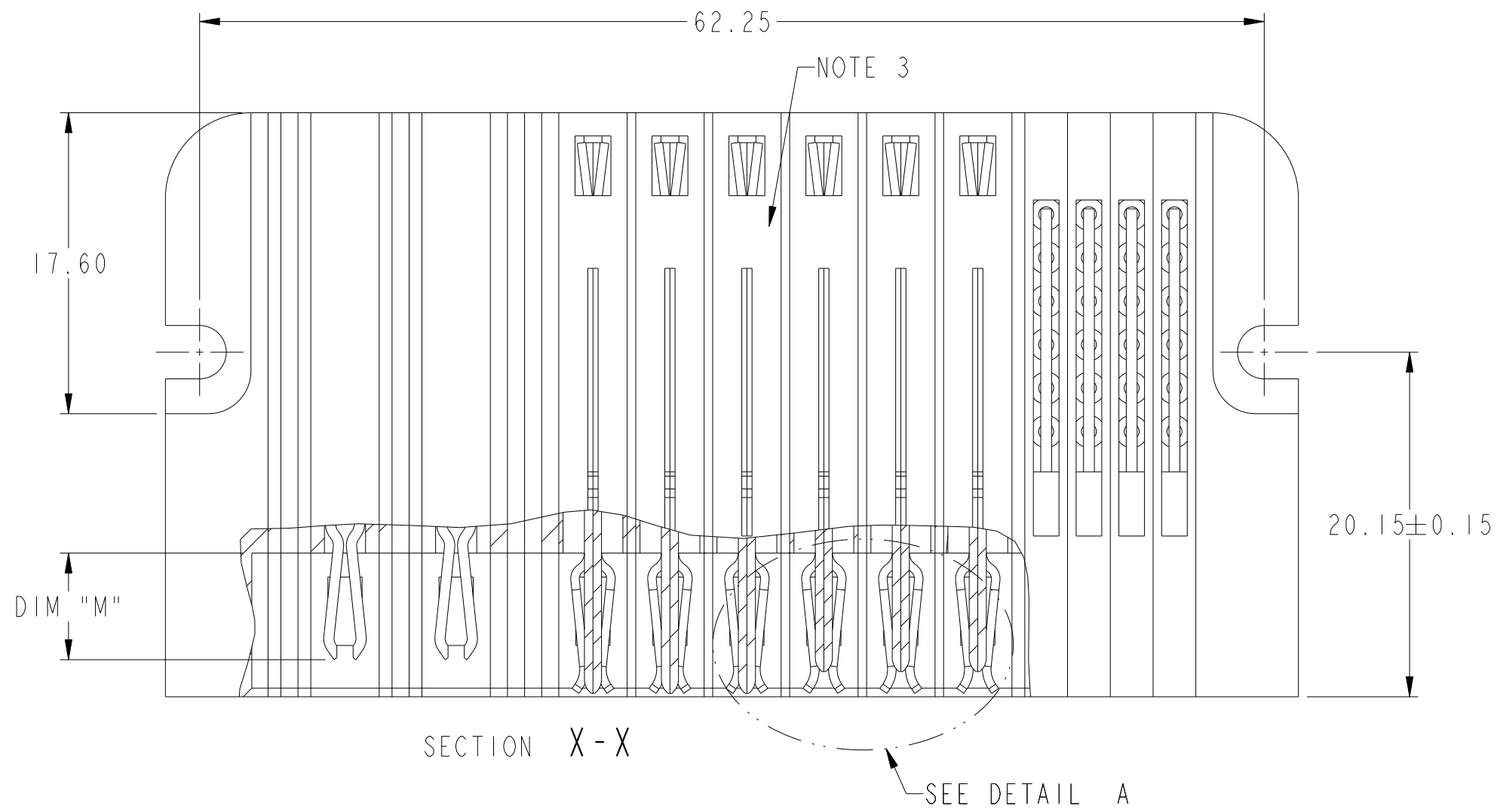
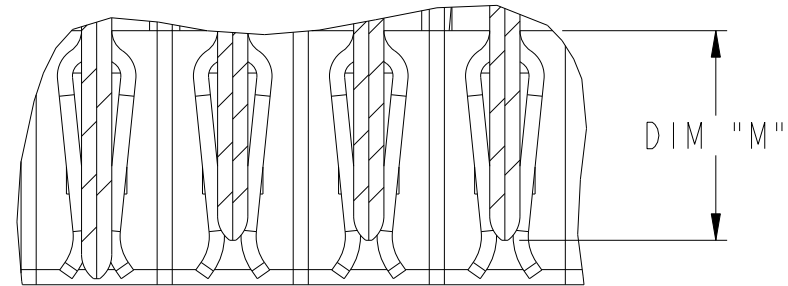
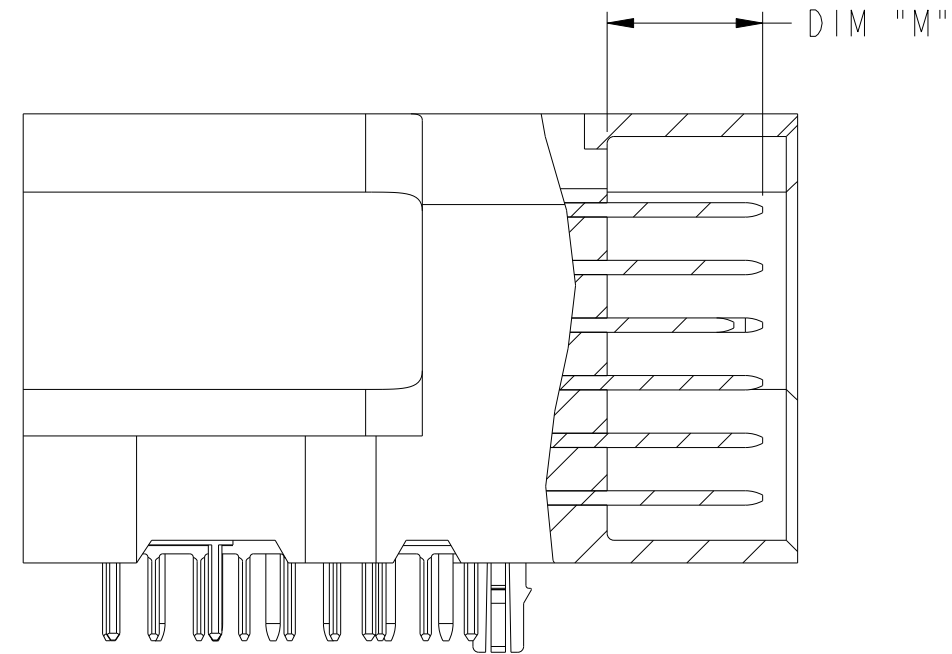




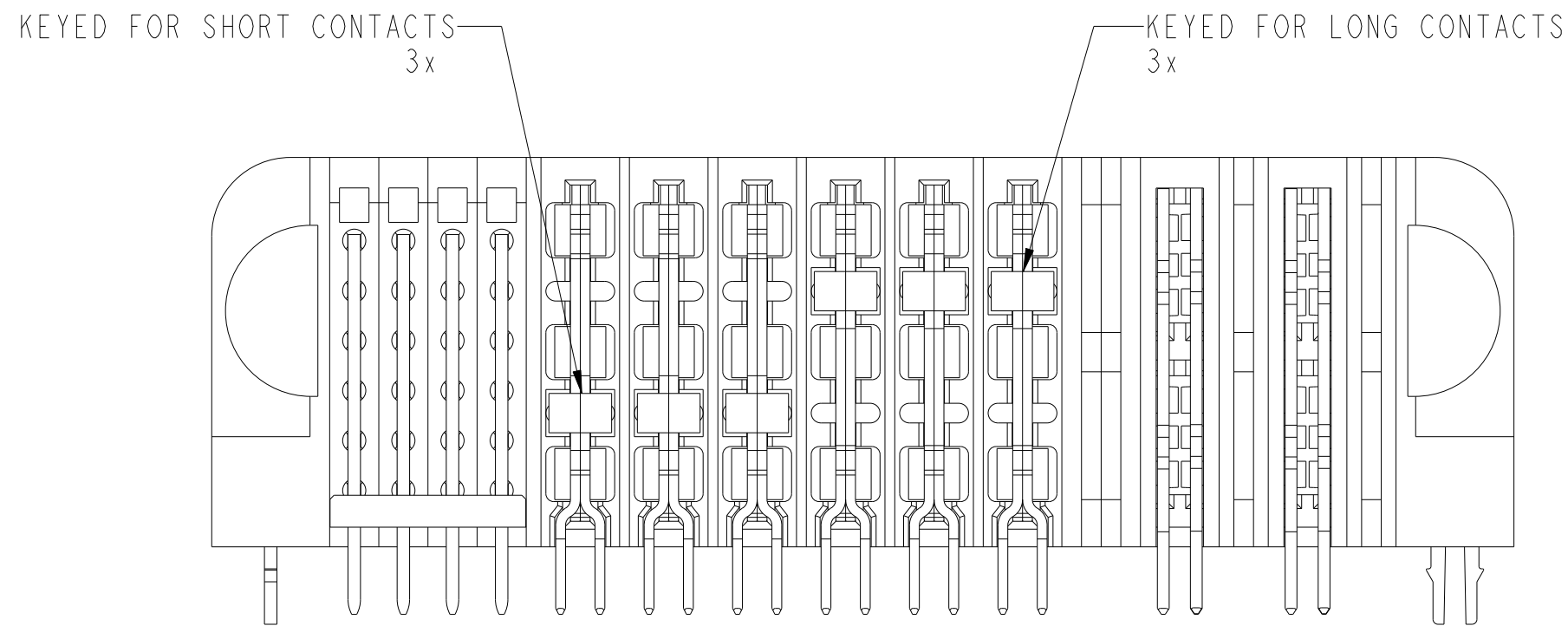
spec ref	*	dr	De-Ming Lu	2015/01/22	projection	MM	size	A2	scale	3:1
tolerance std	ISO 406 ISO 1101	eng	De-Ming Lu	2017/02/22	chr	Fancy Zhang	2017/02/22	ecn no	-	
surface	ISO 1302	appr	Pei-Ming Zheng	2017/02/22	product family	PWRMAX	rel level	Released		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.100	Amphenol FCi	4LP + 6HP + 24S	RIGHT ANGLE PLUG, SOLDER TAILS	cat. no.	-	Product - Customer Drw	sheet 1 of 6	rev	A
angular	0° ±2°									



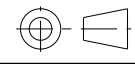
DETAIL A
SCALE 4:1
POWER MATING
SEQUENCE

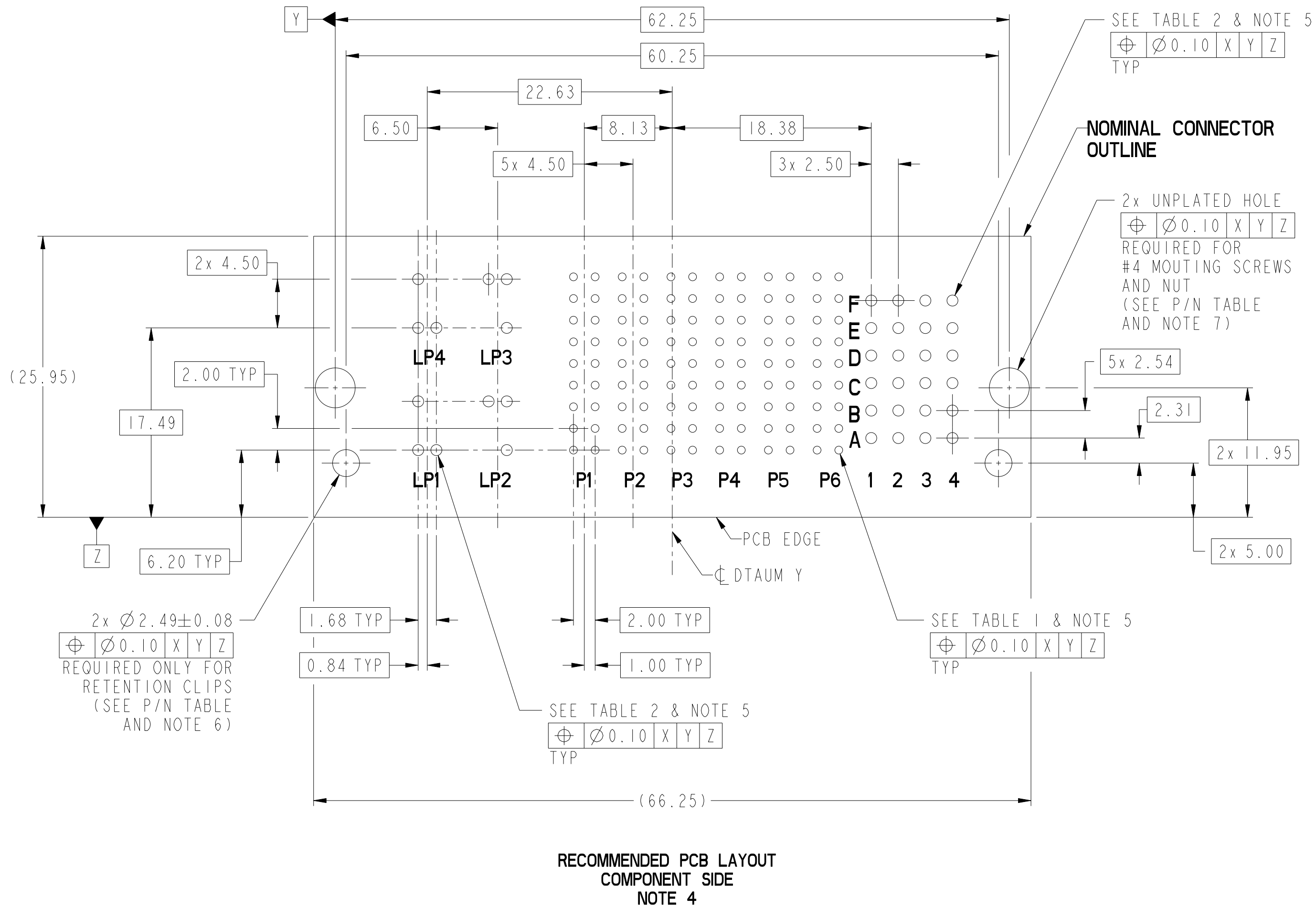


SECTION W-W
SIGNAL MATING
SEQUENCE



VIEW G-G

spec ref		*		dr	De-Ming Lu	2015/01/22	projection  MM	size	A2	scale	3:1				
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	De-Ming Lu		2017/02/22	ecn no	-	rel level	Released			
ISO 406					chr	Fancy Zhang		2017/02/22							
ISO 1101					appr	Pei-Ming Zheng		2017/02/22					product family		PWRMAX
surface		- ISO 1302	linear	0.X	±0.5	Amphenol FCi	title	4LP + 6HP + 24S RIGHT ANGLE PLUG, SOLDER TAILS			dwg no	10133137		rev	A
			0.XX	±0.25											
	angular		0°	±0.100	±2°										
							cat. no.	-	Product - Customer Drw				sheet 2 of 6		

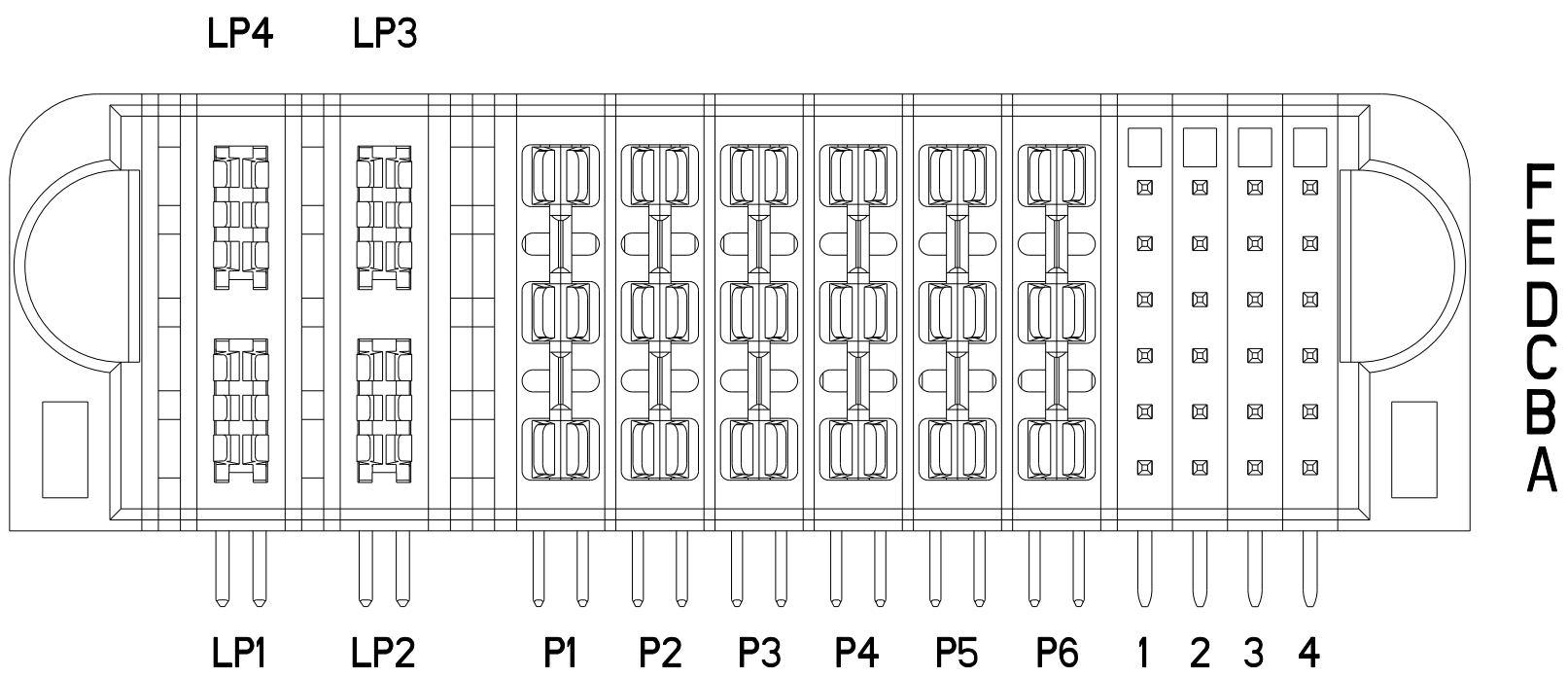


spec ref	*	dr	De-Ming Lu	2015/01/22	projection	MM	size	A2	scale	3:1
tolerance std	ISO 406 ISO 1101	eng	De-Ming Lu	2017/02/22	chr	Fancy Zhang	2017/02/22	ecn no	-	
surface	ISO 1302	appr	Pei-Ming Zheng	2017/02/22	product family	PWRMAX	rel level	Released		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.100	Amphenol FCi	4LP + 6HP + 24S	RIGHT ANGLE PLUG, SOLDER TAILS	cat. no.	-	Product - Customer Drw	sheet 3 of 6		
angular	0° ±2°									

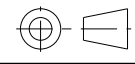
TOP LAYER DESCRIPTION	TABLE 1 (PWRMAX POWER) PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	--	--	--	0.65 - 0.80
IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	0.9 - 1.5um	--	0.70 - 0.80
IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65um	0.70 - 0.80
COPPER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	--	0.70 - 0.80
GOLD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.003 - 0.007	FLASH UP TO 0.0002	--	--	0.69 - 0.80

TOP LAYER DESCRIPTION	TABLE 2 (PWRMAX SIGNALS & LOW POWER) PLATED THROUGH-HOLE REQUIREMENTS							
	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
TIN-LEAD	1.125-1.175	0.025-0.050	0.005-0.015	--	--	--	--	0.94 - 1.10
IMMERSION TIN	1.125-1.175	0.025-0.050	--	--	--	0.9 - 1.5um	--	0.94 - 1.10
IMMERSION SILVER	1.125-1.175	0.025-0.050	--	--	--	--	0.15 - 0.65um	0.94 - 1.10
COPPER	1.125-1.175	0.025-0.050	--	--	--	--	--	0.94 - 1.10
GOLD	1.125-1.175	0.025-0.050	--	0.003 - 0.007	FLASH UP TO 0.0002	--	--	0.93 - 1.10

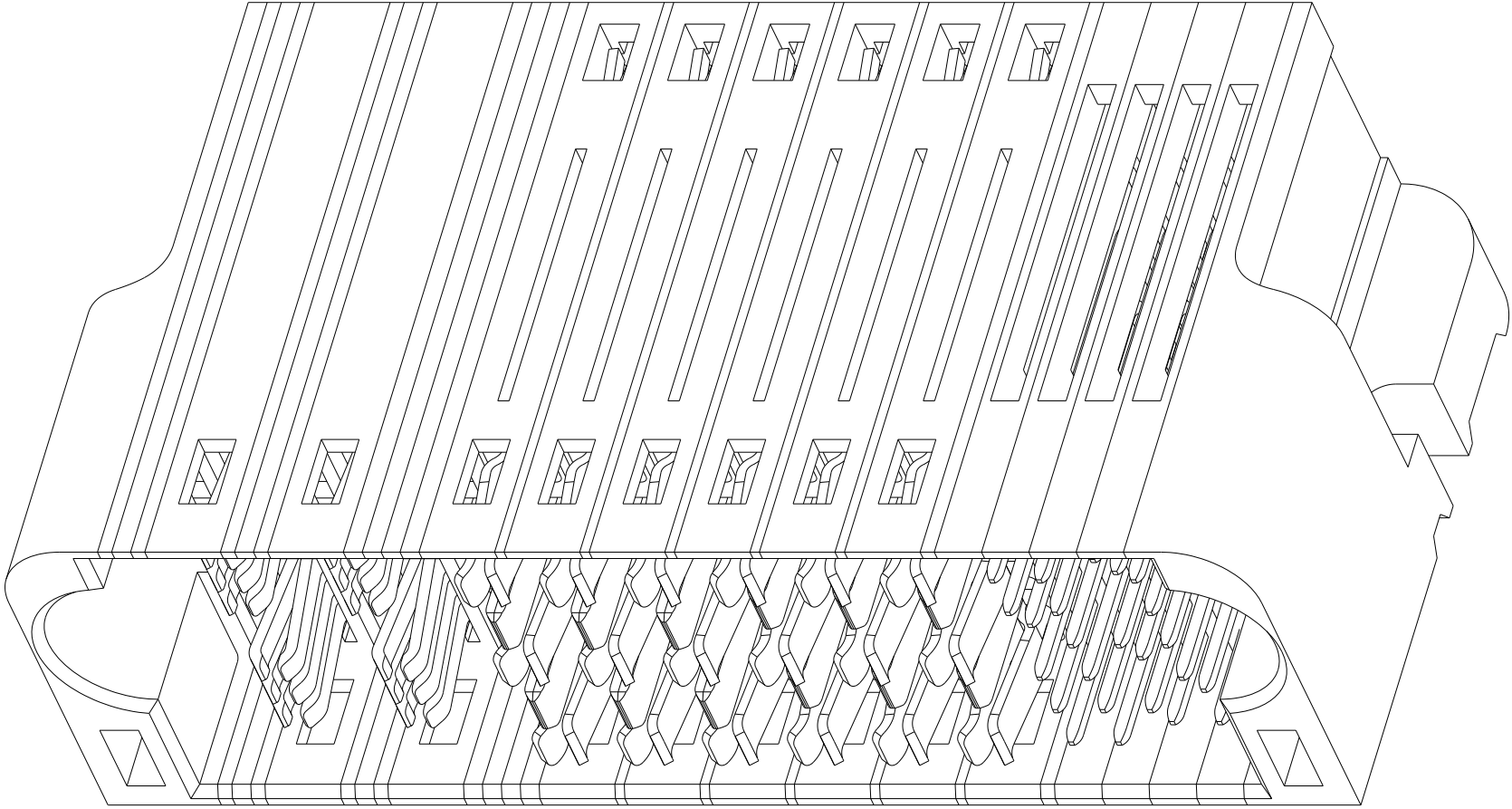
spec ref *		dr De-Ming Lu		2015/01/22	projection		MM	size	A2	scale	3:1		
tolerance std		eng De-Ming Lu		2017/02/22				ecn no	-				
ISO 406		chr Fancy Zhang		2017/02/22	rel level			Released					
ISO 1101		appr Pei-Ming Zheng		2017/02/22	product family			PWRMAX					
surface	linear	0.X	±0.5	Amphenol FCI	4LP + 6HP + 24S				dwg no	10133137		rev	A
		0.XX	±0.25										
		0.XXX	±0.100		RIGHT ANGLE PLUG, SOLDER TAILS								
	angular	0°	±2°										
ISO 1302				cat. no.	-	Product - Customer Drw				sheet 4 of 6			



CONTACT TYPE	ID#	MATING ORDER	DIM. "M"
LOWER POWER (AC)	LP1	DETERMINED BY RECEPTACLE	6.23
	LP2		6.23
	LP3		6.23
	LP4		6.23
HIGH POWER (DC)	P1	LONG	8.20
	P2	LONG	8.20
	P3	LONG	8.20
	P4	SHORT	6.93
	P5	SHORT	6.93
	P6	SHORT	6.93
SIGNAL	1A	LONG	6.86
	1B	LONG	6.86
	1C	LONG	6.86
	1D	SHORT	5.59
	1E	LONG	6.86
	1F	LONG	6.86
SIGNAL	2A	LONG	6.86
	2B	LONG	6.86
	2C	LONG	6.86
	2D	LONG	6.86
	2E	LONG	6.86
	2F	LONG	6.86
SIGNAL	3A	SHORT	5.59
	3B	LONG	6.86
	3C	SHORT	5.59
	3D	LONG	6.86
	3E	SHORTEST	4.32
	3F	SHORT	5.59
SIGNAL	4A	SHORT	5.59
	4B	SHORT	5.59
	4C	LONG	6.86
	4D	LONG	6.86
	4E	LONG	6.86
	4F	LONG	6.86

spec ref *				dr De-Ming Lu		2015/01/22		projection		MM		size A2		scale 3:1	
tolerance std				eng De-Ming Lu		2017/02/22						ecb no -		rel level Released	
ISO 406				chr Fancy Zhang		2017/02/22						product family		PWRMAX	
ISO 1101				appr Pei-Ming Zheng		2017/02/22									
surface		✓	linear		0.X ±0.5		Amphenol FCI		title 4LP + 6HP + 24S		dwg no 10133137		rev A		
			0.XX ±0.25												
			0.XXX ±0.100												
ISO 1302			angular 0° ±2°						cat. no. -		Product - Customer Drw		sheet 5 of 6		

PART NUMBER	RETENTION CLIPS	#4 SCREW	DIM "T" (TAIL LENGTH)	TAIL TYPE	TOOLED
10133137-001LF	NO	OPTIONAL	3.43	SOLDER TAIL	YES
10133137-003LF	YES		3.43	SOLDER TAIL	YES
10133137-005LF	NO		2.50	SOLDER TAIL	YES
10133137-006LF	YES		2.50	SOLDER TAIL	YES



NOTES:

1. MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
POWER CONTACTS: HIGH PERFORMANCE COPPER ALLOY
SIGNAL CONTACT: COPPER ALLOY.
2. PLATING SPECIFICATION:
POWER CONTACTS CONTACT AREA: GCS OVER NI
SIGNAL CONTACTS CONTACT AREA: GXT OVER NI
TAIL AREA: MATTE SN OVER NI
3. PRODUCT MARK:
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE .
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
4. MINIMUM NOMINAL PCB THICKNESS: 1.6mm
5. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
6. MOUNTING HOLES ARE UNPLATED.
7. SCREW MOUNTING HOLE DIMENSION:
Ø3.683±0.05mm FOR GENERAL NUT.
Ø4.216±0.05mm FOR PEM NUT.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
10. PRODUCT SPECIFICATION: GS-12-1314.
APPLICATION SPECIFICATION: GS-20-0447.
PACKAGE IN TRAYS, PER SPECIFICATION: GS-14-2523.

spec ref *				dr De-Ming Lu		2015/01/22		projection		MM		size A2		scale 3:1	
tolerance std				eng De-Ming Lu		2017/02/22						ecn no -		rel level Released	
ISO 406				chr Fancy Zhang		2017/02/22									
ISO 1101				appr Pei-Ming Zheng		2017/02/22									
TOLERANCES UNLESS OTHERWISE SPECIFIED				product family				PWRMAX							
surface		linear	0.X ±0.5		Amphenol FCi	4LP + 6HP + 24S						dwg no 10133137		rev A	
			0.XX ±0.25												
			0.XXX ±0.100												
ISO 1302		angular	0° ±2°			RIGHT ANGLE PLUG, SOLDER TAILS									
				cat. no.		-		Product - Customer Drw						sheet 6 of 6	