

A

B

C

D

E

F

NOTES:

1. HOUSING MATERIAL:GF LCP,COLOR: BLACK, UL 94 V-0 RATED  
 SIGNAL CONTACT MATERIAL: PHOSPHOR BRONZE  
 SIGNAL PIN OVERMOLD MATERIAL: GF POLYESTER  
 POWER CONTACT MATERIAL: COPPER ALLOY

2. PLATING ON SIGNAL CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND 0.5µm MIN MATTE TIN ON TAIL AREA.

PLATING ON POWER CONTACTS: 1.27µm MIN Ni UNDERPLATING ALL OVER WITH 0.76µm MIN GXT IN CONTACT MATING AREA, AND 0.5µm MIN MATTE TIN ON TAIL AREA.

PLATING ON HOLD DOWN IF APPLICABLE: 1.27um MIN Ni, UNDERPLATING ALL OVER WITH 0.76um MIN MATTE TIN OVER.

3. LUBRICATION: LUBRICATE ON CONTACT AREA.

④ RECOMMENDED PCB THICKNESS IS:  
 FOR PRESS FIT APPLICATION: 1.4mm MIN  
 FOR SOLDER APPLICATION: 1.40mm THROUGH 2.62mm.

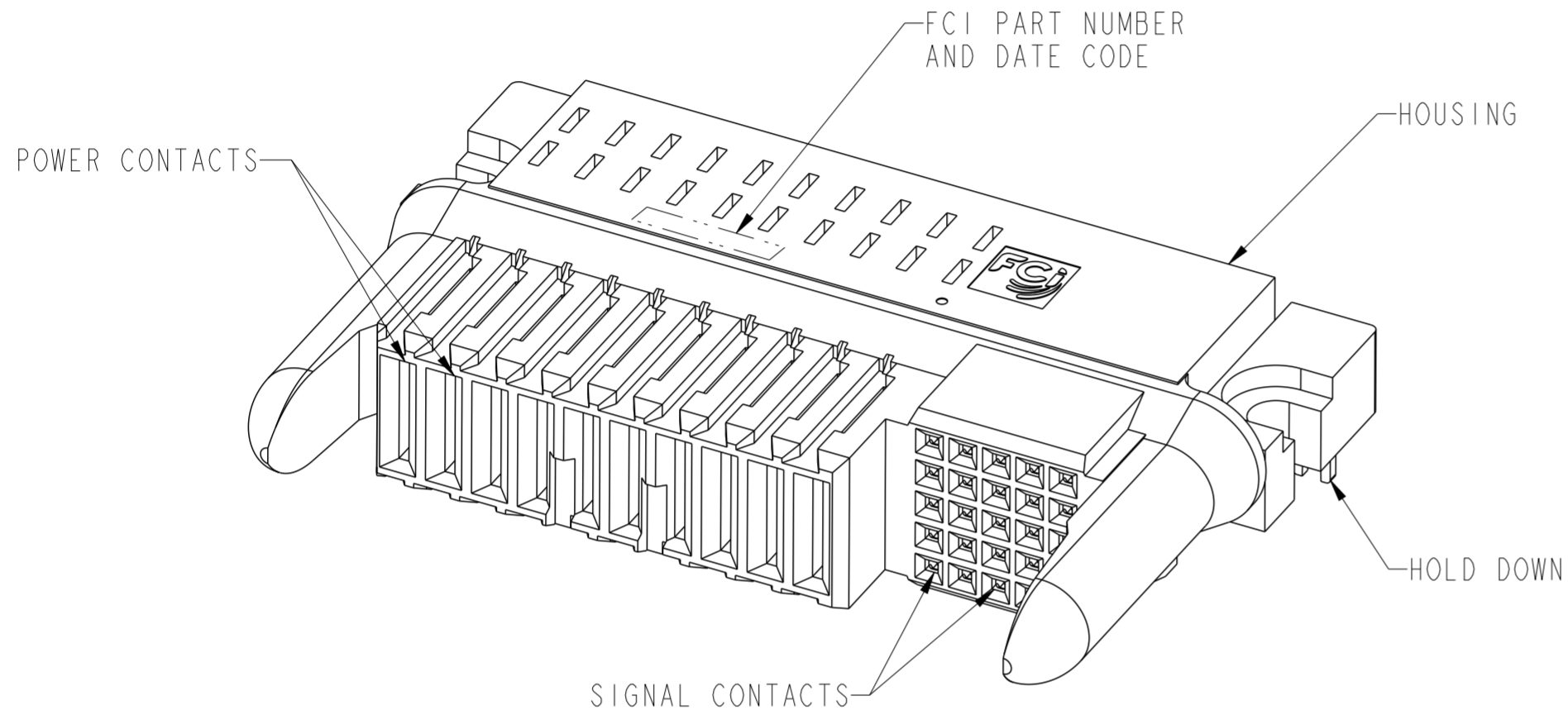
5. FOR SCREW MOUNT APPLICATIONS, A #4-40 UNC PAN SCREW WITH HEX NUT IS RECOMMENDED (SUPPLIED BY CUSTOMER).

⑥ FOR PRESS FIT Ø0.61mm, FOR SOLDER Ø0.90mm.

⑦ UNPLATED HOLES

⑧ HOLD DOWN APPLICATION NEEDED

9. PRODUCT SPECIFICATION GS-12-1064  
 APPLICATION SPECIFICATION GS-20-0362



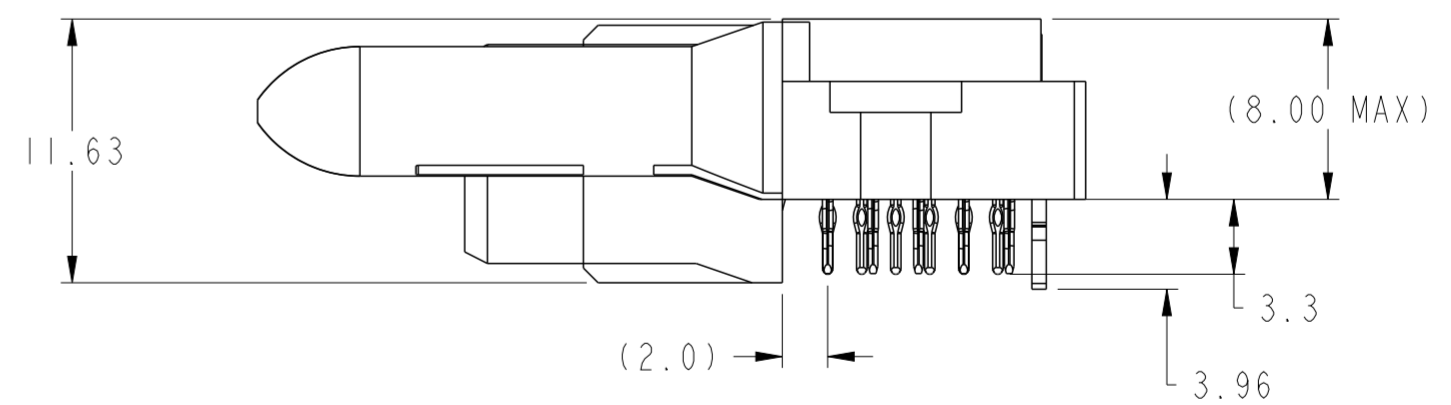
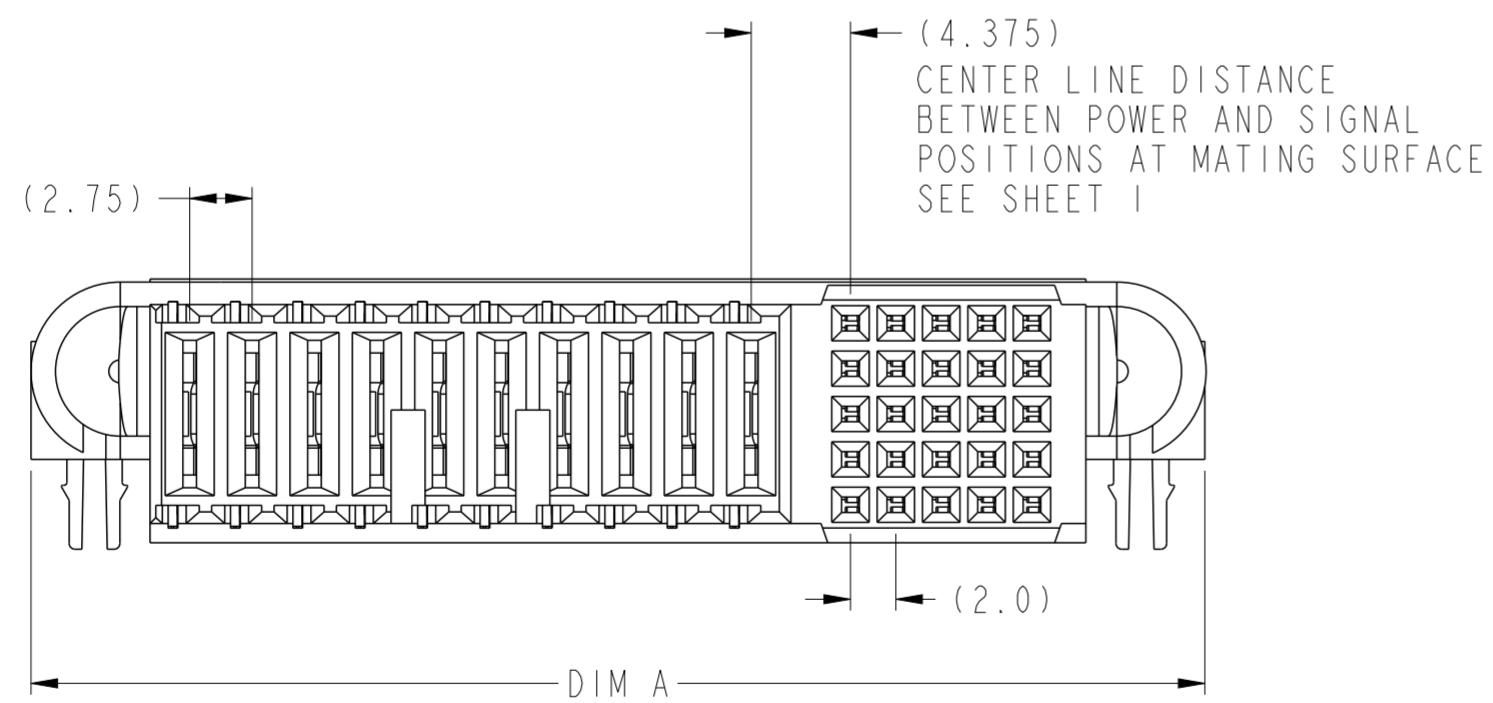
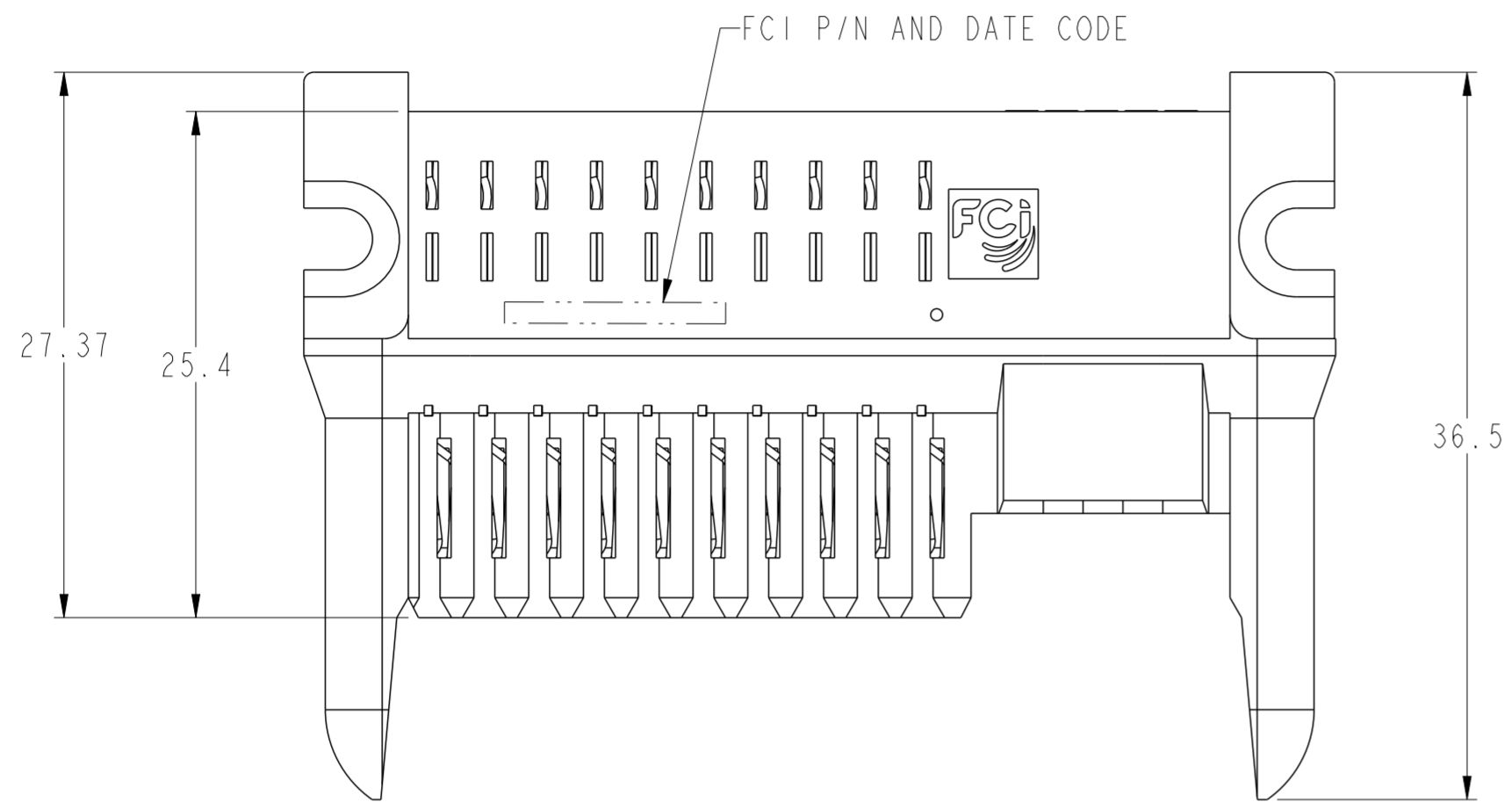
25Sx10P CONFIGURATION SHOWN  
 HOLD DOWN TYPE

Amphenol  
**FCi**

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spec ref	-	dr	Fancy Zhang	2016/05/23	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Fancy Zhang	2016/06/14			ecn no	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	rel level			Released			
surface	linear	appr	Pei-Ming Zheng	2016/06/14			product family	PwrLoPro		
ASME Y14.5	angular			PWR LP RECEPTACLE ASSEMBLY RA, PASSIVE GUIDE, 10S+2P		cat. no. - Product - Customer Drw	10108888-R02103H rev A	sheet 1 of 3		

PART NUMBER	CONFIGURATION	DIM "A"	DIM "B"	"C" SPACES	"D" SPACES	"E" PLACES	"F" PLACES	MOUNTING FEATURE
10108888-R02103HLF	10S + 2P	23.74	18.14	1	1	10	12	HOLD DOWN

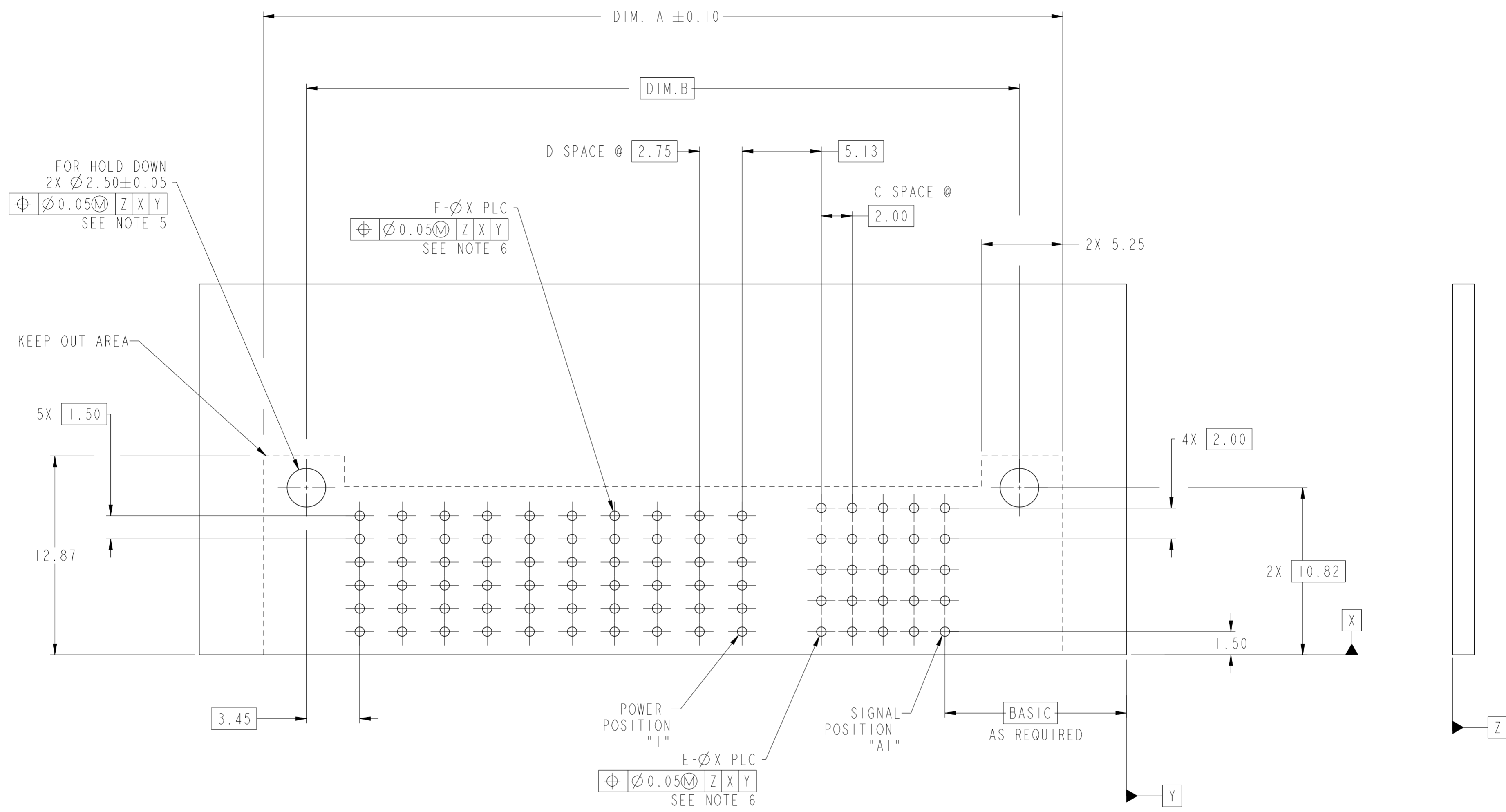


spec ref	-	dr	Fancy Zhang	2016/05/23	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Fancy Zhang	2016/06/14			ecn no	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Pai-Ming Zheng	2016/06/14	product family	PwrLoPro
surface	-	linear	0.X	±0.30		<b>PWR LP RECEPTACLE ASSEMBLY</b> RA, PASSIVE GUIDE, 10S+2P	dwg no 10108888-R02103H	rev A		
		linear	0.XX	±0.20						
		linear	0.XXX	±0.10						
		angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 2 of 3		

PDS: Rev :A

STATUS:Released

Printed: Jun 14, 2016



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT SEE NOTE 4  
 FOR RAR HOLD DOWN TYPE  
 (AS VIEWED FROM COMPONENT SIDE)

spec ref	-	dr	Fancy Zhang	2016/05/23	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Fancy Zhang	2016/06/14			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr						
surface	linear	0.X	±0.30		PWR LP RECEPTACLE ASSEMBLY		cat. no.	Product - Customer Drw	sheet 3 of 3	
		0.XX	±0.20		RA, PASSIVE GUIDE, 10S+2P					
	angular	0°	±2°		title PWR LP RECEPTACLE ASSEMBLY RA, PASSIVE GUIDE, 10S+2P cat. no.	dwg no 10108888-R02103H				rev A

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