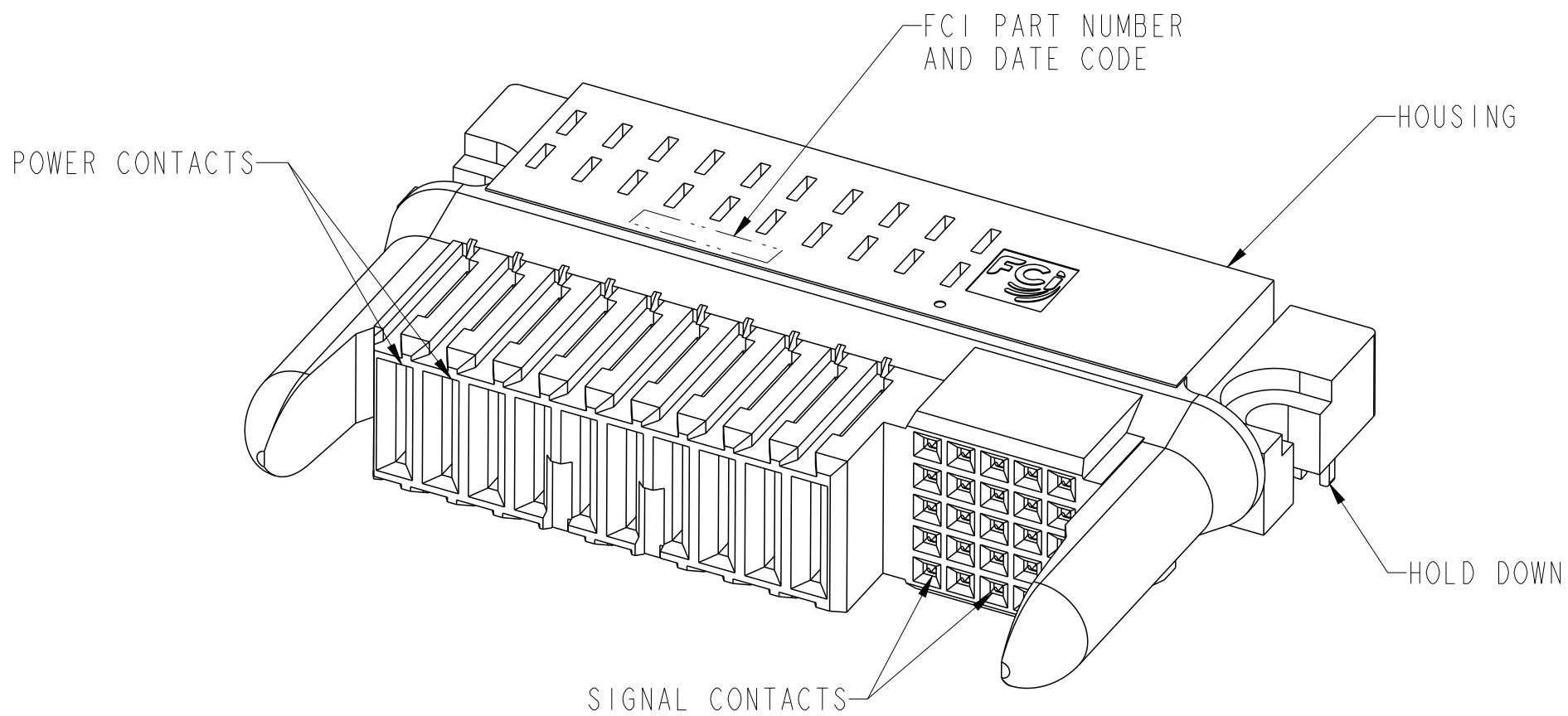


NOTES:

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.

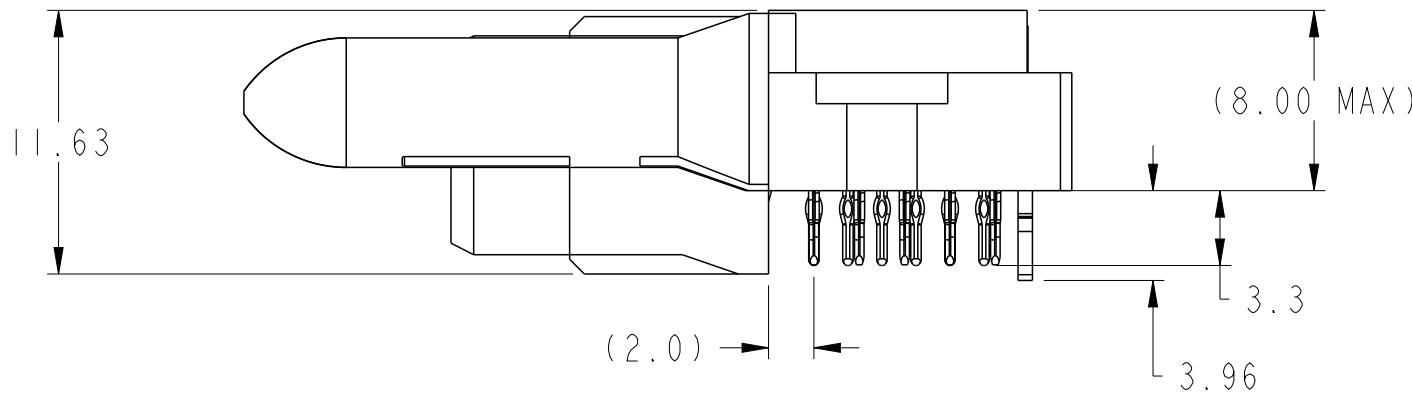
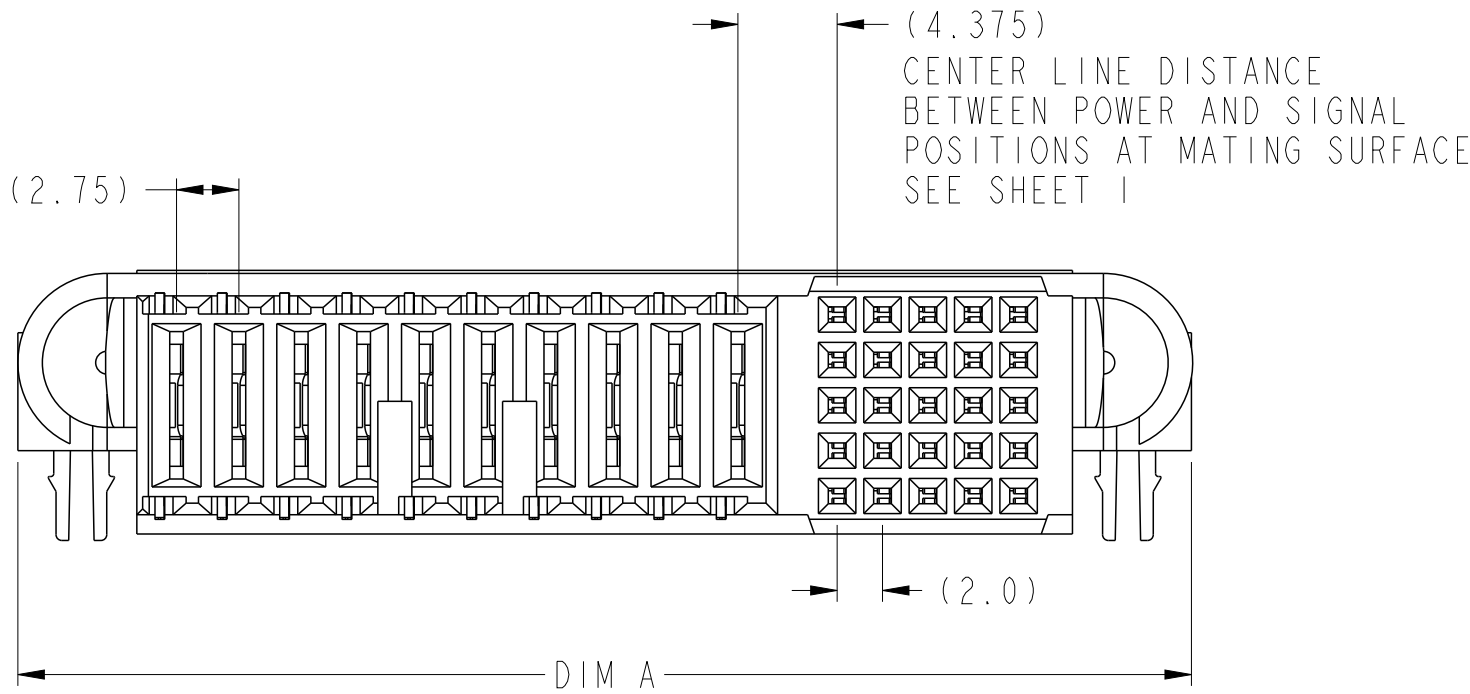
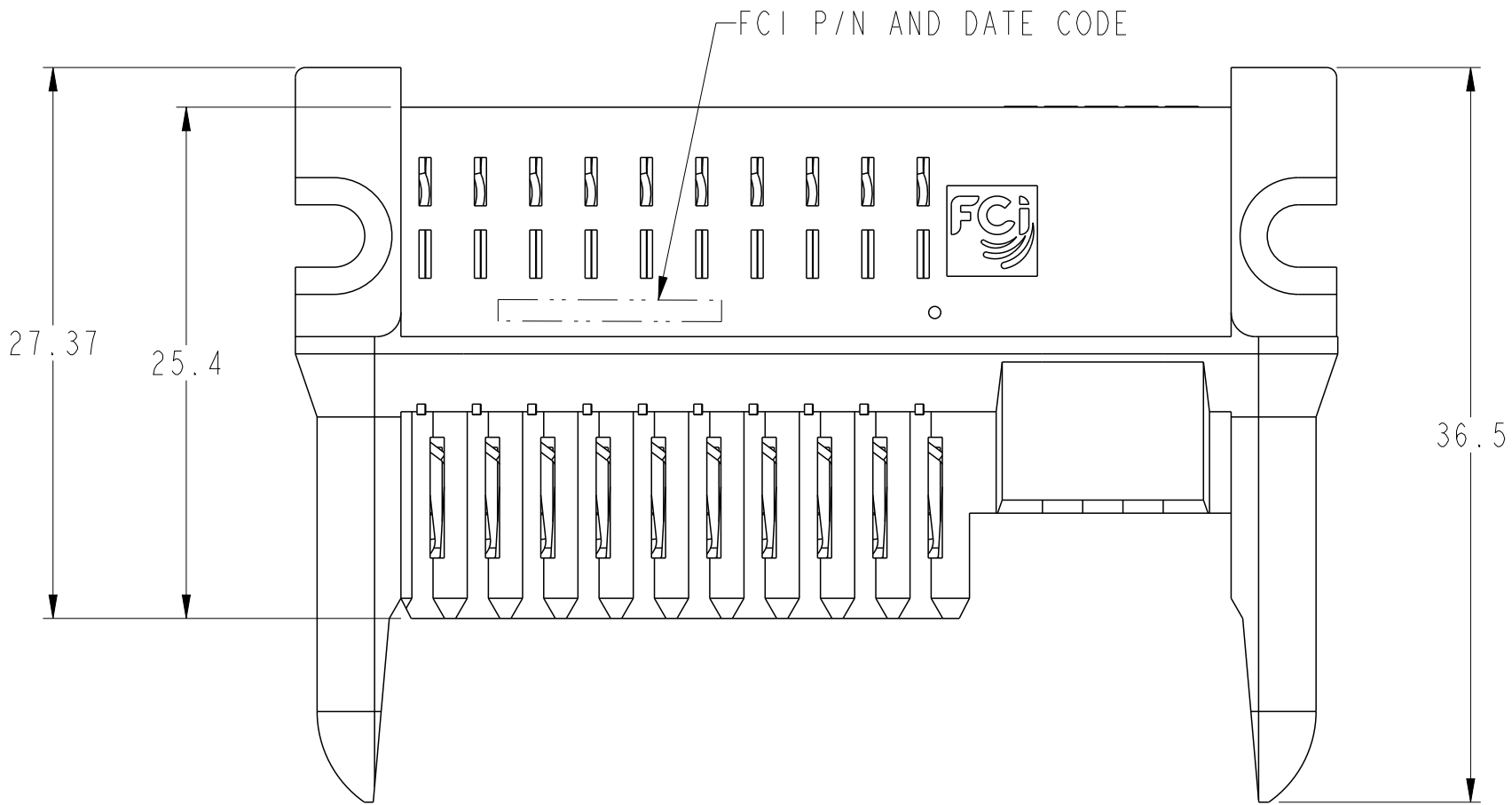
PLATING ON HOLD DOWN IF APPLICABLE: 1.27um MIN Ni, UNDERPLATING ALL
OVER WITH 0.76um MIN MATTE TIN OVER.
3. LUBRICATION: LUBRICATE ON CONTACT AREA.
4. RECOMMENDED PCB THICKNESS IS:
FOR PRESS FIT APPLICATION: 1.4mm MIN
FOR SOLDER APPLICATION: 1.40mm THROUGH 2.62mm.
5. FOR SCREW MOUNT APPLICATIONS, A #4-40 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

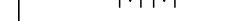
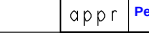


25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE

spec ref -				dr Fancy Zhang 2015/11/26		projection MM	size A2		scale 1:1		
tolerance std ASME Y14.5 -		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Fancy Zhang 2015/12/25			ecn no - rel level Released				
				chr -							
		appr Pei-Ming Zheng 2015/12/25		product family		PwrLoPro					
surface ASME Y14.5		linear		FCI www.fci.com		title PWR LP RECEPTACLE ASSEMBLY RA, PASSIVE GUIDE, 40S+2P		dwg no 10108888-R02403H		rev A	
		0.X ±0.30									
		0.XX ±0.20									
		0.XXX ±0.10									
ASME Y14.5		angular 0° ±2°		cat. no. -		Product - Customer Drw				sheet 1 of 3	

PART NUMBER	CONFIGURATION	DIM "A"	DIM "B"	"C" SPACES	"D" SPACES	"E" PLACES	"F" PLACES	MOUNTING FEATURE
10108888-R02403HLF	40S + 2P	35.74	30.14	7	1	40	12	HOLD DOWN



spec ref -				dr Fancy Zhang 2015/11/26		projection		MM		size A2		scale 1:1	
tolerance std ASME Y14.5				eng Fancy Zhang 2015/12/25						ecn no -		rel level Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -									
appr Pei-Ming Zheng 2015/12/25				product family		PwrLoPro							
surface ✓		linear		0.X ±0.30				title PWR LP RECEPTACLE ASSEMBLY RA, PASSIVE GUIDE, 40S+2P		dwg no 10108888-R02403H		rev A	
		0.XX ±0.20											
		0.XXX ±0.10											
ASME Y14.5		angular 0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw		sheet 2 of 3			

FOR HOLD DOWN
2X $\varnothing 2.50 \pm 0.05$
SEE NOTE 5

F- $\varnothing$ X PLC
 $\varnothing 0.05$ M Z X Y
SEE NOTE 6

KEEP OUT AREA

5X 1.50

12.87

3.45

D SPACE @ 2.75

5.13

C SPACE @
2.00

2X 5.25

4X 2.00

2X 10.82

1.50

POWER
POSITION
"I"

SIGNAL
POSITION
"AI"

BASIC
AS REQUIRED

E- $\varnothing$ X PLC
 $\varnothing 0.05$ M Z X Y
SEE NOTE 6

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

spec ref	-	dr	Fancy Zhang	2015/11/26	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5	eng	Fancy Zhang	2015/12/25	chr	-	ecn no	-		
		appr	Pei-Ming Zheng	2015/12/25	product family		rel level	Released		
surface	✓	linear	0.X	± 0.30	FCI PWR LP RECEPTACLE ASSEMBLY RA, PASSIVE GUIDE, 40S+2P		dwg no	10108888-R02403H	rev	A
			0.XX	± 0.20						
			0.XXX	± 0.10						
ASME Y14.5	angular	0°	$\pm 2^\circ$	www.fci.com	cat. no.		Product - Customer Drw	sheet 3 of 3		

PDS: Rev :A

STATUS:Released

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