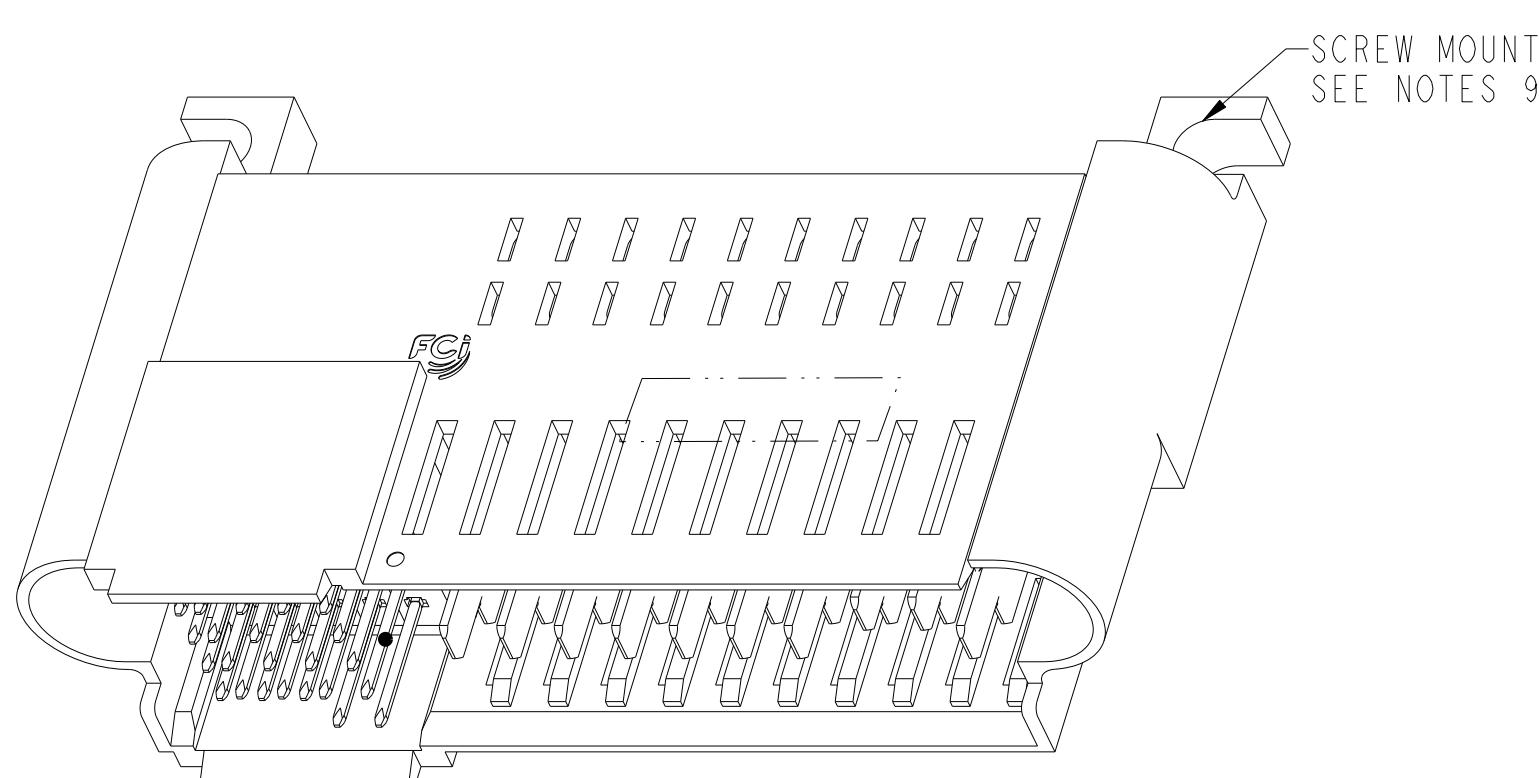


25Sx10P CONFIGURATION SHOWN
HOLD DOWN TYPE



25Sx10P CONFIGURATION SHOWN
SCREW MOUNT TYPE

NOTES:

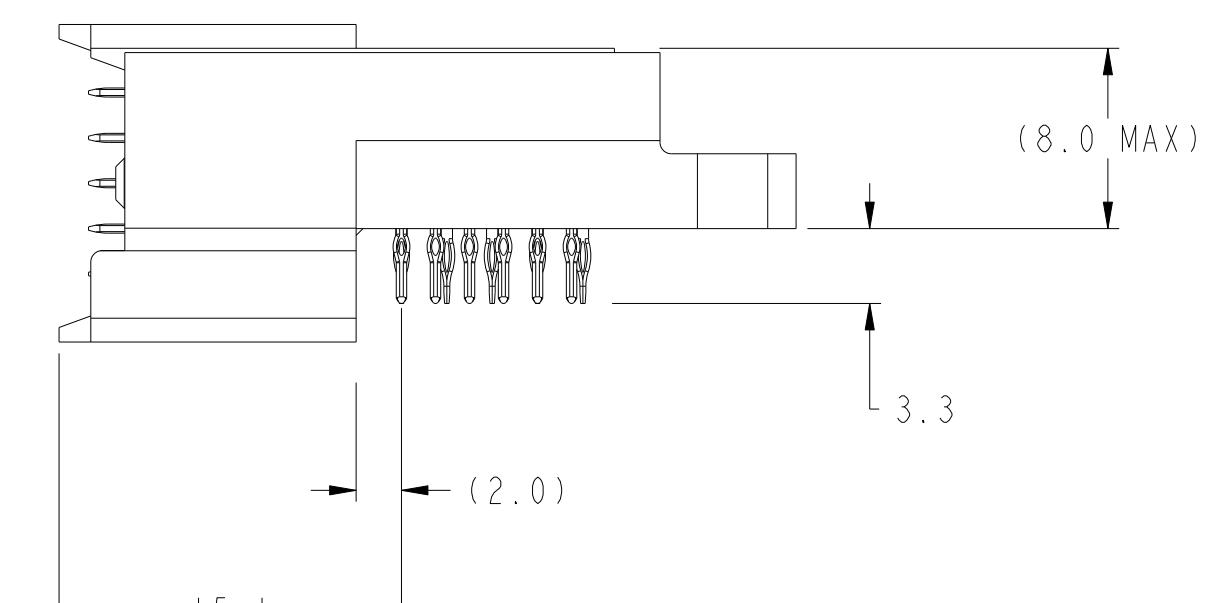
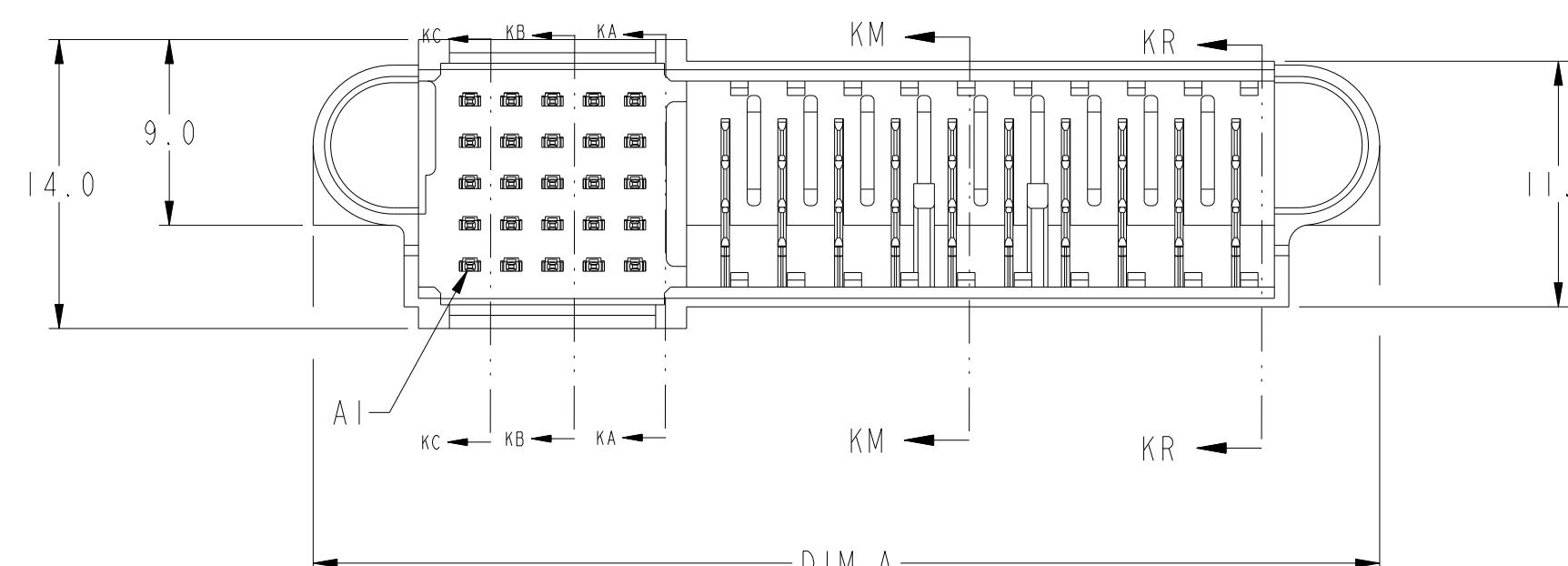
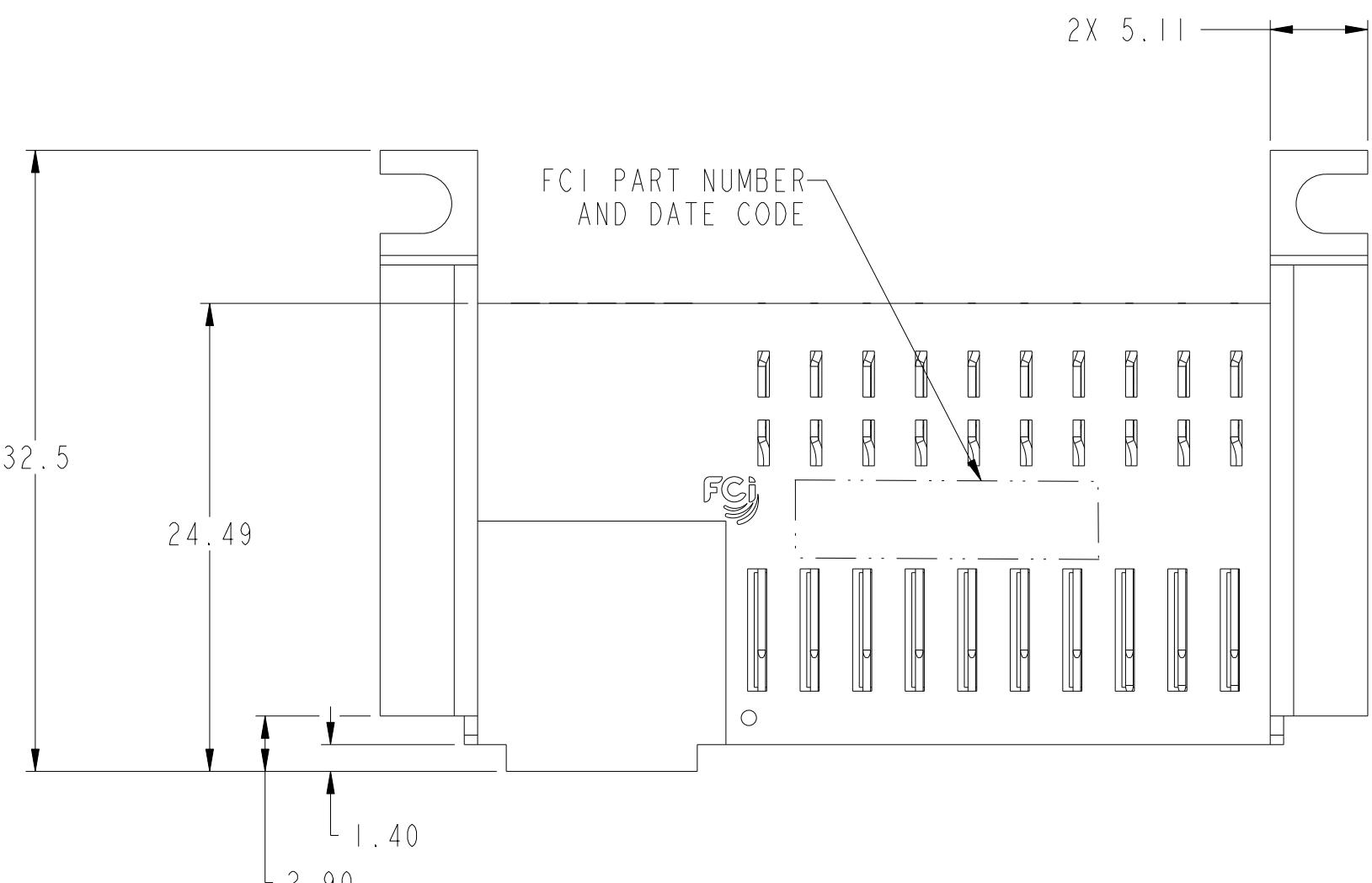
1. HOUSING MATERIAL: GF LCP, COLOR: BLACK, UL 94 V-0 RATED
SIGNAL CONTACT MATERIAL: PHOSPHOR BRONZE
SIGNAL PIN OVERMOLD MATERIAL: GF POLYESTER
POWER CONTACT MATERIAL: COPPER ALLOY
2. PLATING ON SIGNAL CONTACTS: 1.27 μ m Ni UNDERPLATING ALL OVER WITH 0.76 μ m GXT IN CONTACT MATING AREA, AND 0.5 μ m MATTE TIN ON TAIL AREA.
PLATING ON POWER CONTACTS: 1.27 μ m Ni UNDERPLATING ALL OVER WITH 0.76 μ m GXT IN CONTACT MATING AREA, AND 0.5 μ m MATTE TIN ON TAIL AREA.
3. PLATING ON HOLD DOWN IF APPLICABLE: 1.27 μ m Ni, UNDERPLATING ALL OVER WITH 0.76 μ m MATTE TIN OVER.
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 $\phi 0.61 \pm 0.05$ mm, FOR SOLDER $\phi 0.90 \pm 0.05$ mm.
7. UNPLATED HOLES.
8. HOLD DOWN APPLICATION NEEDED.
9. SCREW MOUNT APPLICATION NEEDED.
10. PRODUCT SPECIFICATION: GS-12-1064
APPLICATION SPECIFICATION: GS-20-0362

spec ref	SEE NOTE			dr	Eddy Zeng	2015/01/19	projection	MM	size	A2	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Walker Wei	2019/05/07			ecn no		
ASME Y14.5	-	linear	0.X	± 0.30	chr	-	-	product family	PwrLoPro	rel level	Released
			0.XX	± 0.20	oppr	Zheng, Pei-Min	2019/05/08				
			0.XXX	± 0.10							
		angular	0°	$\pm 2°$				cat. no.	-	Product - Customer Draw	sheet 1 of 7
ASME Y14.5											

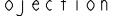
dwg no: 10133129 rev: B

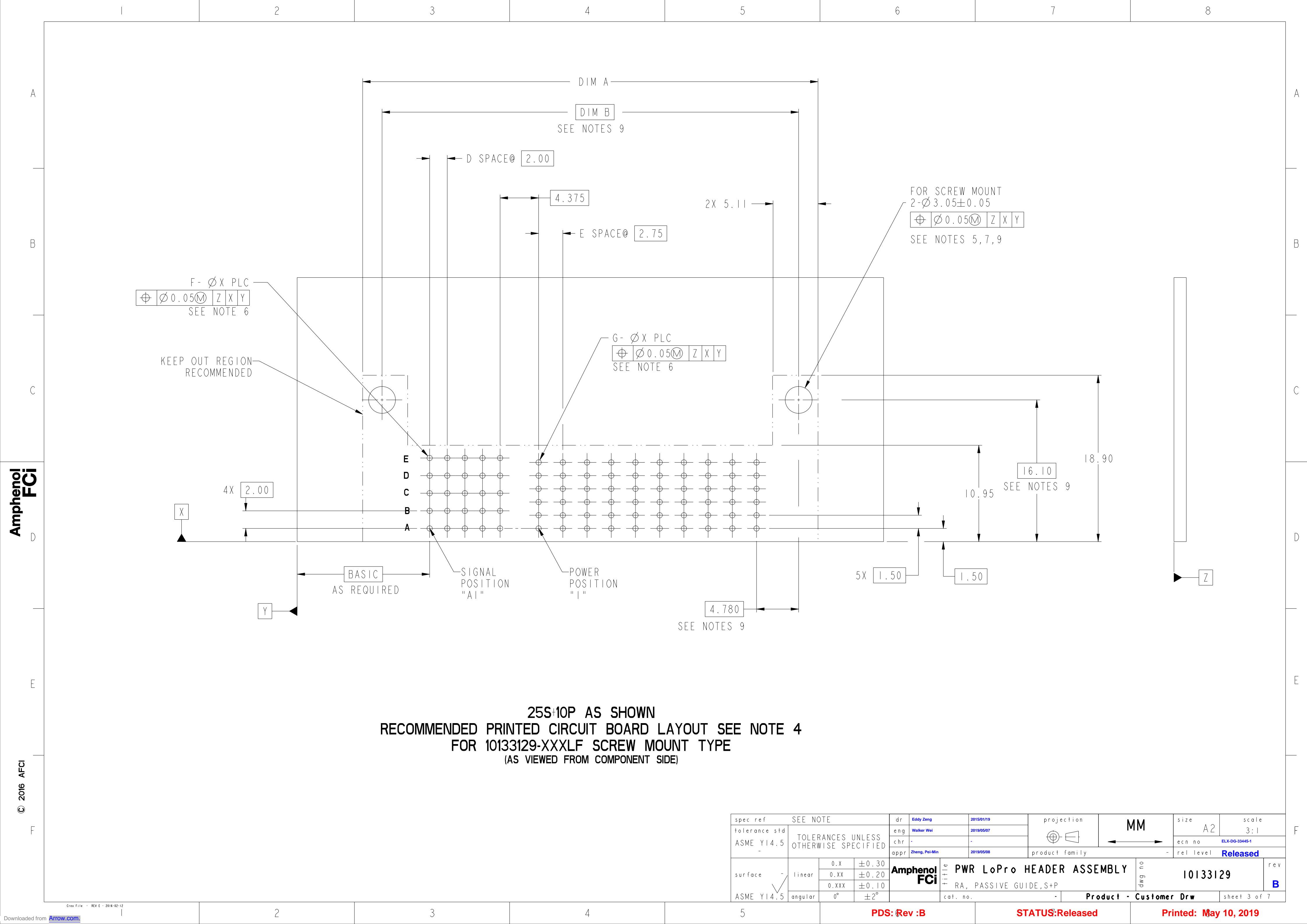
Amphenol FCI

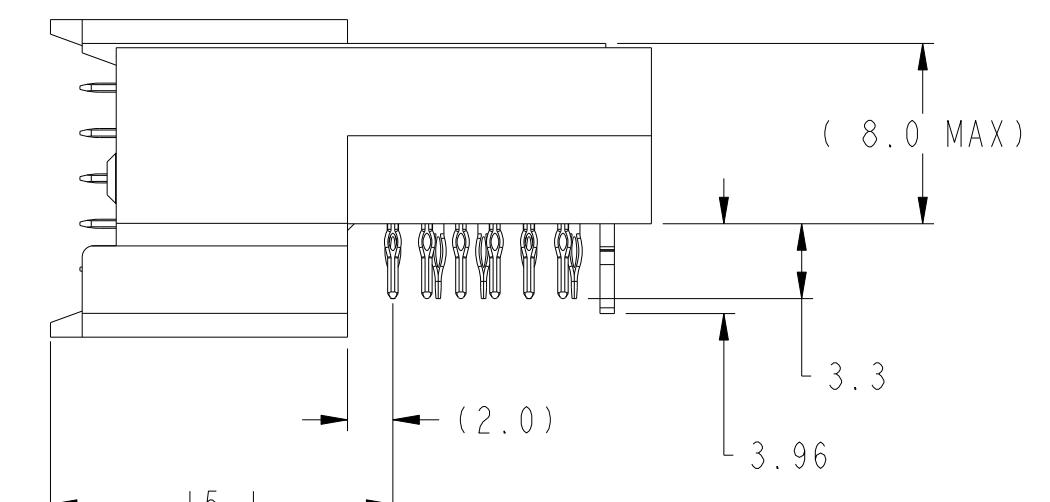
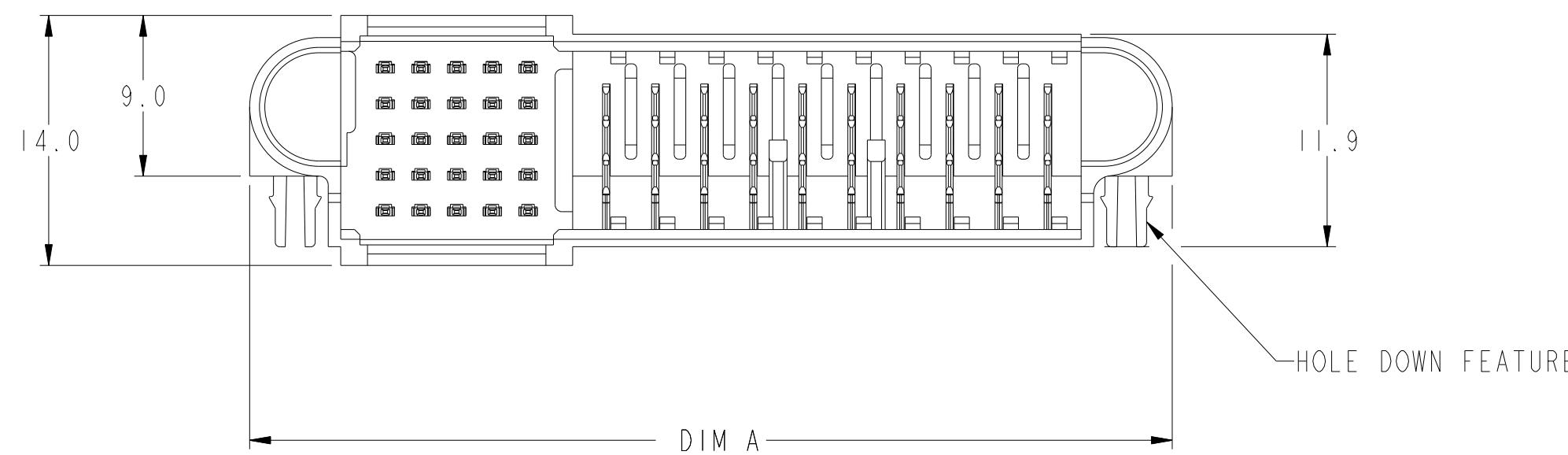
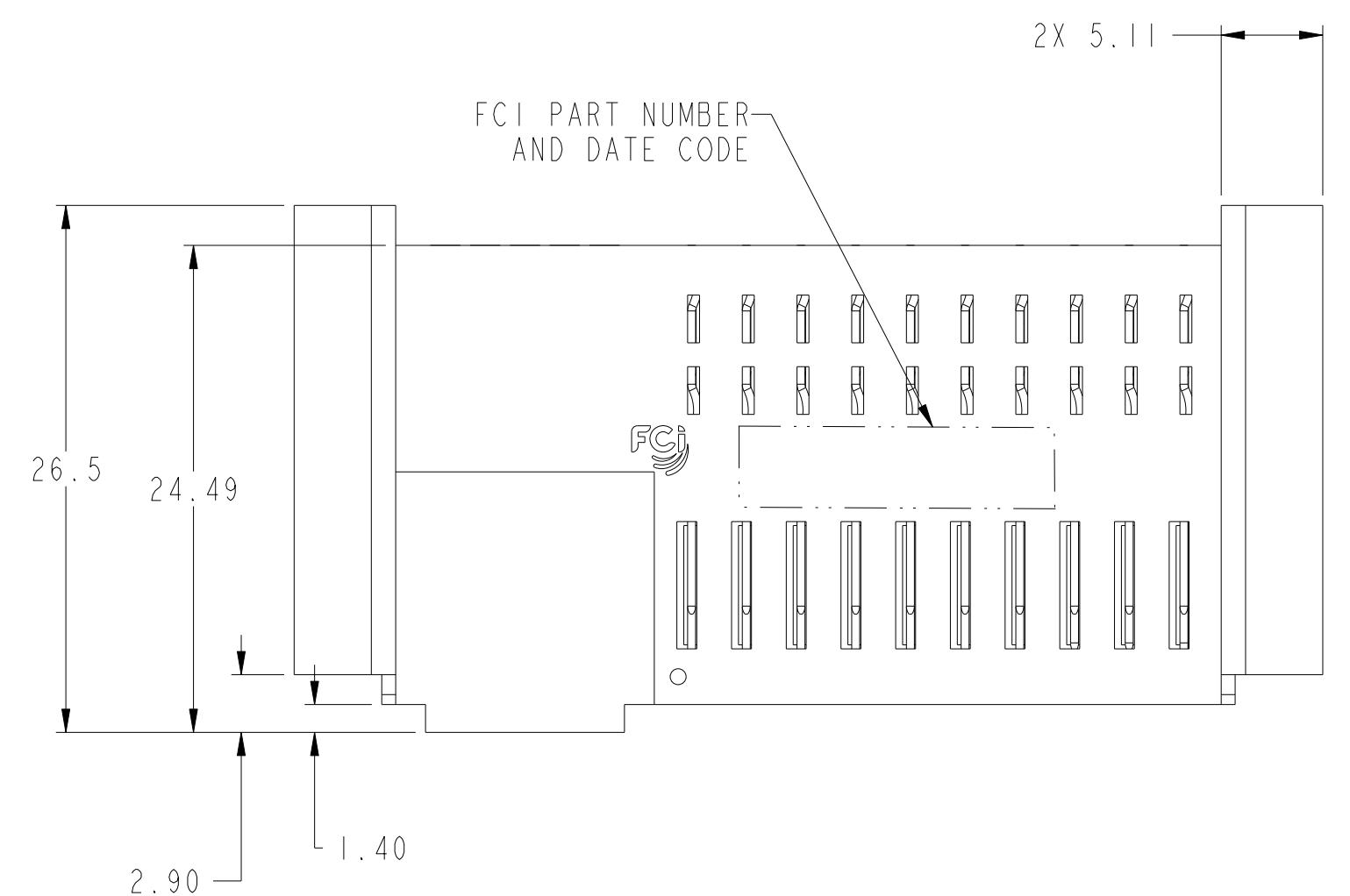
© 2016 AFCI



SCREW MOUNT TYPE AS SHOWN

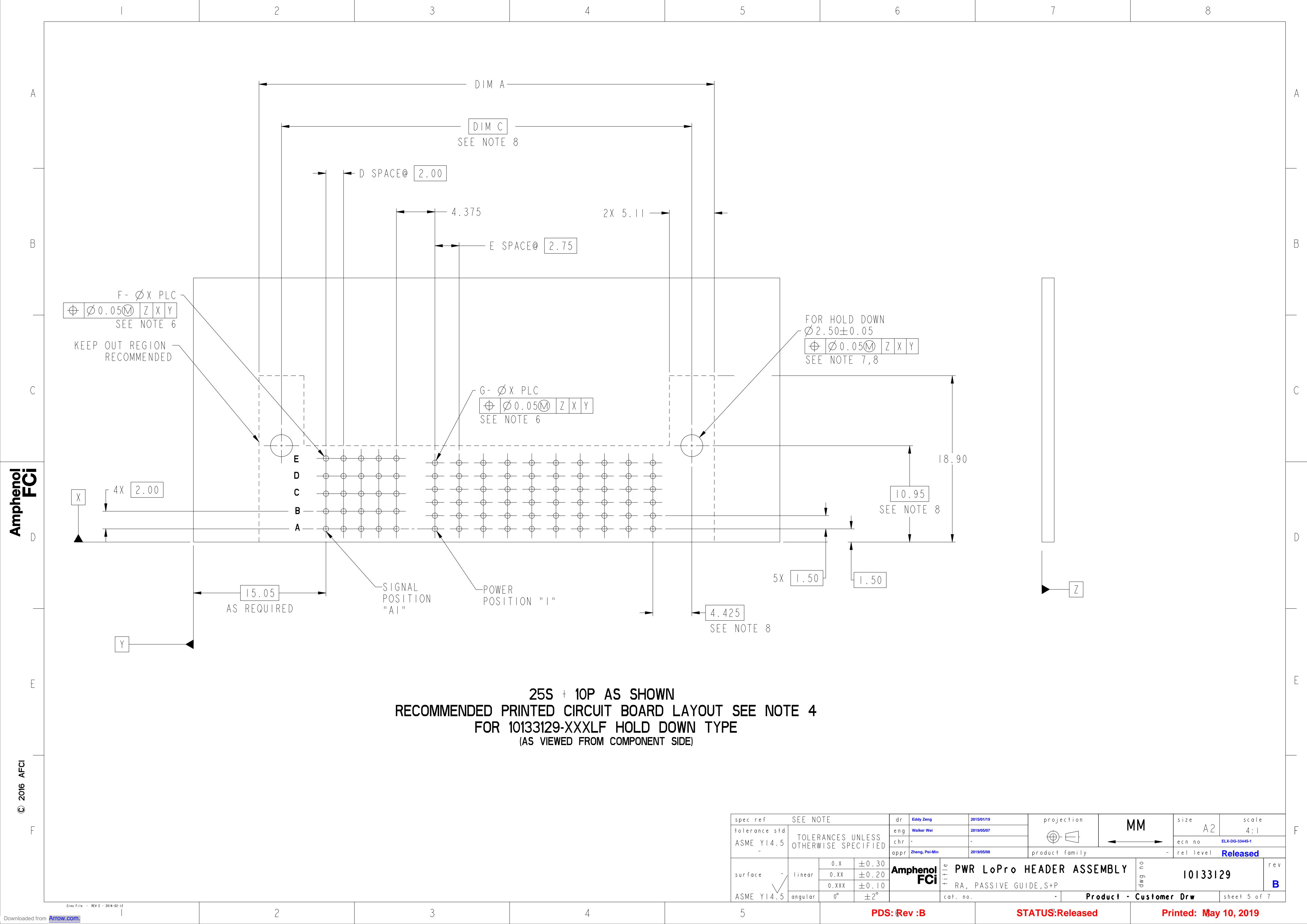
spec ref	SEE NOTE			dr	Eddy Zeng		2015/01/19			size	A2	scale						
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Walker Wei		2019/05/07			ecn no	3:1							
ASME Y14.5				chr	-		-			ELX-DG-33445-1								
-				appr	Zheng, Pei-Min		2019/05/08			rel level	Released							
surface	-	linear	0.X	±0.30		PWR LoPro HEADER ASSEMBLY					dwg no	10133129	rev B					
			0.XX	±0.20		RA, PASSIVE GUIDE, S+P												
			0.XXX	±0.10														
ASME Y14.5	✓	angular	0°	±2°		cat. no.	-		Product - Customer Drw			sheet 2 of 7						



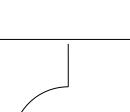
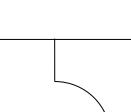


HOLE DOWN TYPE AS SHOWN

spec ref	SEE NOTE			dr	Eddy Zeng	2015/01/19	projection	MM	size	A2	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Walker Wei	2019/05/07 <th data-kind="parent" data-rs="2">product family</th> <th data-kind="parent" data-rs="2">PwrLoPro</th> <th data-kind="parent" data-rs="2">rel level</th> <td data-kind="parent" data-rs="2">10133129</td> <th data-kind="parent" data-rs="2">rev</th>	product family	PwrLoPro	rel level	10133129	rev
ASME Y14.5	-	linear	angular	chr	-	-					
				oppn	Zheng, Pei-Min	2019/05/08					
							cat. no.	-	Product - Customer Draw	sheet 4 of 7	



PART NUMBER	CONFIGURATION	DIM "A"	DIM "B" FOR SCREW MOUNT	DIM "C" FOR HOLD DOWN	"D" SPACES	"E" SPACES	"F" QTY.	"G" QTY.	MOUNTING FEATURE
10133129-001LF	35S+20P	83.21	-	78.1	6	19	35	120	HOLD DOWN
10133129-002LF	25S+10P	51.71	47.31	-	4	9	25	60	SCREW MOUNT
10133129-005LF	25S+10P	51.71	47.31	-	4	9	25	60	SCREW MOUNT

PART NUMBER	ROWS		SIGNALS							POWERS																				
			1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
10133129-001LF 35S + 20P	E		3	3	3	3	3	3	3	2	2	2	—	—	—	—	—	—	—	2	2	2	2	2	2	2	2	2		
	D																													
	C																													
	B																													
	A																													

VIEWED FROM MATING FACE.

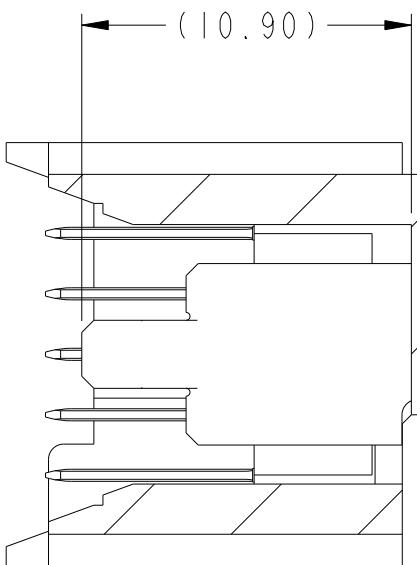
spec ref	SEE NOTE			dr	Eddy Zeng	2015/01/19			size	A2	scale	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Walker Wei	2019/05/07			ecn no	ELX-DG-33445-1		
ASME Y14.5				chr	-	-			rel level	Released		
-				appr	Zheng, Pei-Min	2019/05/08			dwg no	10133129		
surface		linear	0.X	±0.30	Amphenol FCI			PWR LoPro HEADER ASSEMBLY			rev	
			0.XX	±0.20				RA, PASSIVE GUIDE, S+P			B	
			0.XXX	±0.10								
ASME Y14.5		angular	0°	±2°				cat. no.	-	Product - Customer Drw		

CUSTOMER LOADING WORKSHEET FOR SIGNAL & POWER SEQUENCING LEVELS

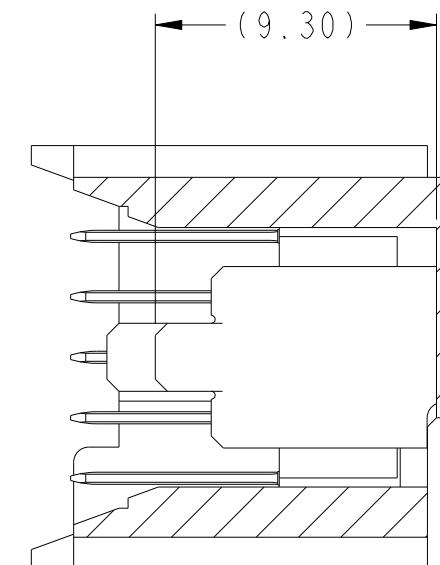
PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)

- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
 - H : HOLD DOWN TYPE
 - S : SCREW MOUNT TYPE
- 4). CUSTOMER LOADING WORKSHEET SHOWN AT MAXMUM SIZE CONFIGURATION (40Sx24P), SIGNALS AVAILABLE IN 2,3,4 THRU 8 POSITIONS, POWERS AVAILABLE IN 4,6,8 THRU 24 POSITIONS IN EVEN QUANTITIES ONLY.

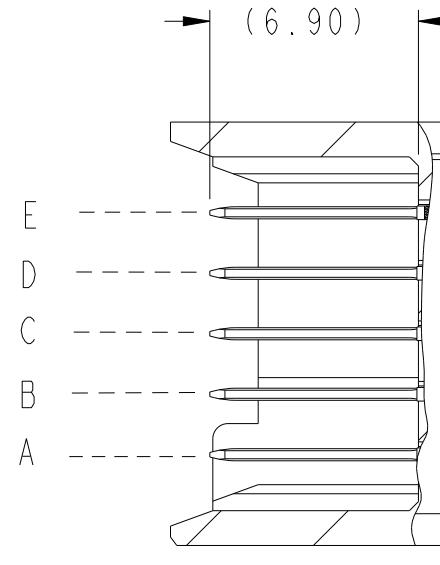
Amphetamine FCi



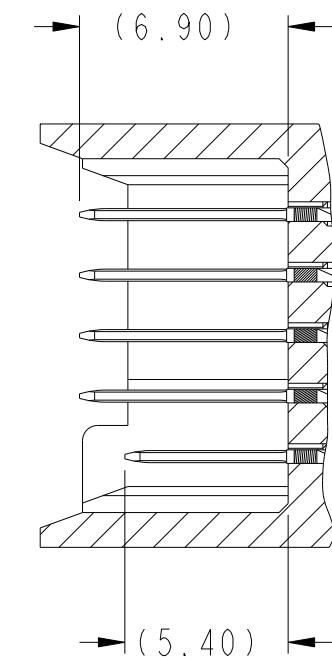
POWER
SECTION KM-KM
LEVEL I:
LONGEST MATING
CONTACTS



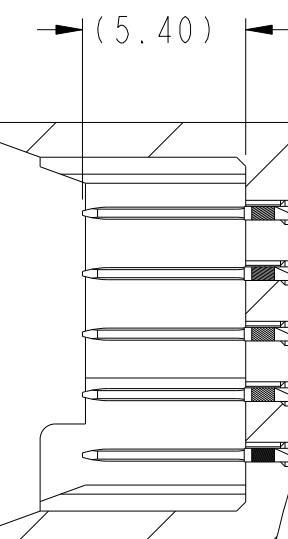
POWER SECTION KR-KR LEVEL 2: SHORTEST MATING CONTACTS



SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS

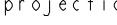


SIGNAL
SECTION KB-KB
LEVEL 32222 (MIXED):
ROW "A", SHORTEST CONTACT
ROW "B" THRU "E". LONGEST CONTACTS



SIGNAL
SECTION KC-KC
LEVEL 3:
ALL SHORTEST
CONTACTS

CODE	DESCRIPTION
1	FOR LEVEL 1
2	FOR LEVEL 2
32222	FOR LEVEL 32222 (MIXED)
3	FOR LEVEL 3

spec ref	SEE NOTE		dr	Eddy Zeng	2015/01/19			size	A2	scale		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Walker Wei	2019/05/07			ecn no	ELX-DG-33445-1			
ASME Y14.5			chr	-	-			rel level	Released			
-			appr	Zheng, Pei-Min	2019/05/08			product family	PwrLoPro	rev		
surface	linear	0.X	±0.30			PWR LoPro HEADER ASSEMBLY				B		
-		0.XX	±0.20			RA, PASSIVE GUIDE, S+P						
-		0.XXX	±0.10									
ASME Y14.5	angular	0°	±2°		cat. no.	-	Product - Customer Draw		sheet 7 of 7			