

Excellent Integrated System Limited

Stocking Distributor

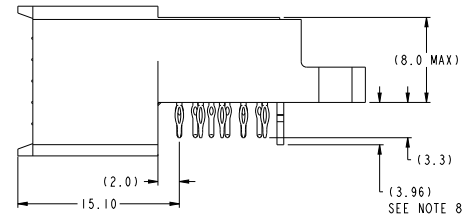
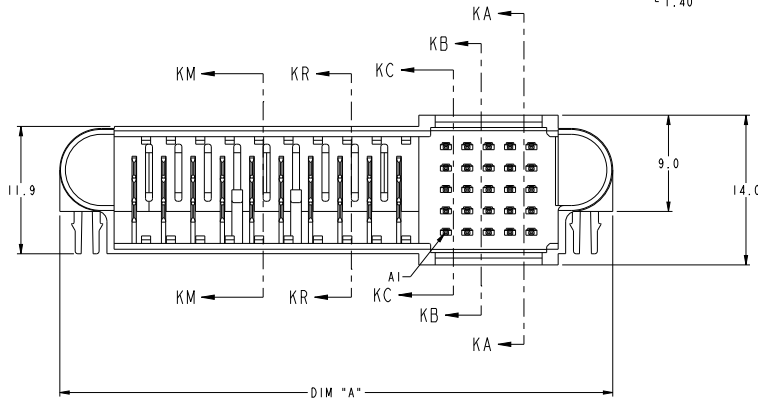
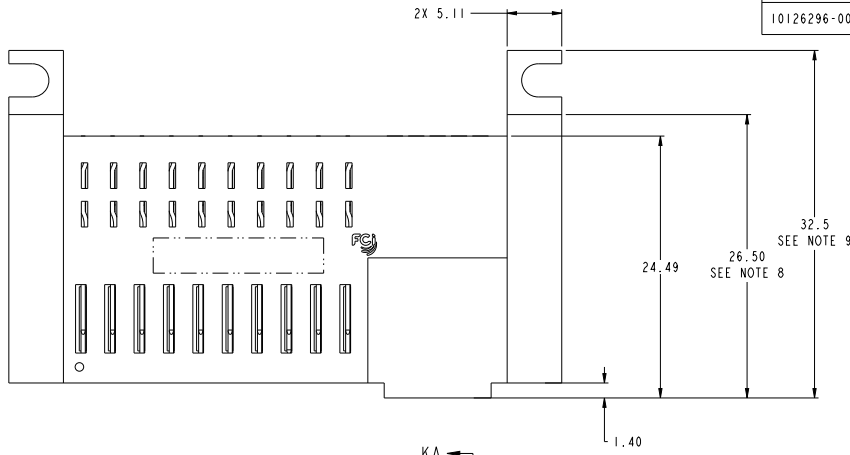
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10126296-002LF](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

PART NUMBER	CONFIGURATION	DIM "A"	DIM "B"	DIM "C"	"D" SPACES	"E" SPACES	"F" QTY.	"G" QTY.	MOUNTING FEATURE
10126296-001LF	10P+2SS	51.71	47.31	-	4	9	25	60	SCREW MOUNT
10126296-002LF	2P+1SS	25.71	-	20.6	2	1	15	12	HOLD DOWN



spec. ref.	SEE NOTE	dr.	proj.	size	scale
tolerance std	ASME Y14.5	eng	MM	A2	3:1
surface	linear	chf	MM	deg	deg
ASME Y14.5	angular	app	MM	deg	deg
surface	linear	chf	MM	deg	deg
ASME Y14.5	angular	app	MM	deg	deg



PWR LoPro HEADER ASSEMBLY
RA, PASSIVE GUIDE, P+S

Product - Customer Drw

sheet 1 of 5

PDS: Rev D

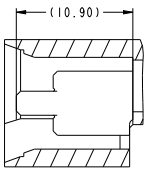
STATUS: Released

Printed: Dec 18, 2013

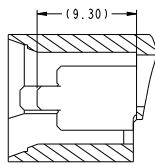
Printed: Dec 18, 2013

CUSTOMER LOADING WORKSHEET FOR POWER & SIGNAL SEQUENCING LEVELS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
PWR LO PRO - MATING FACE OF HEADER CONNECTOR(4)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

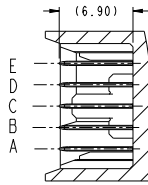
- 1). LOAD WITH CHOICE OF 2 POWER CONTACT MATING LEVELS, SEE SECTIONS KM & KR FOR AVAILABLE LEVEL OPTIONS.
- 2). LOAD WITH CHOICE OF 3 SIGNAL CONTACT MATING LEVELS, SEE SECTIONS KA,KB,&KC FOR AVAILABLE LEVEL OPTIONS.
- 3). MOUNTING FEATURE OPTION "X"
 - H : HOLD DOWN TYPE
 - S : SCREW MOUNT TYPE
- 4).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



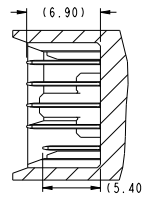
POWER
SECTION KM-KM
LEVEL 1:
LONGEST MATING
CONTACTS



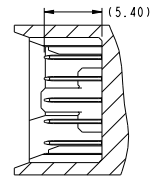
POWER
SECTION KR-KR
LEVEL 2:
SHORTEST MATING
CONTACTS



SIGNAL
SECTION KA-KA
LEVEL 2:
ALL LONGEST
CONTACTS



DSIGNAL
SECTION KB-KB
LEVEL 3: ALL SHORTEST
CONTACTS



SIGNAL
SECTION KC-KC
LEVEL 3:
ALL SHORTEST
CONTACTS

spec. ref.	SEE NOTE	dr.	proj.	size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	MM	A2	1:1
ASME Y14.5		chp		acc. no.	10126296-002LF
		appr		product family	PwrLoPro
				rel. level	Released
surface	linear	0.1	±0.30	FCI PWR LoPro HEADER ASSEMBLY RA, PASSIVE GUIDE, P+S	
		0.2X	±0.20		
		0.25X	±0.10		
ASME Y14.5	angular	0°	±2°	deg	10126296
				Product - Customer Draw	sheet 3 of 5

PDS: Rev:D

STATUS: Released

Printed: Dec 18, 2013

PART NUMBER	ROWS	POWERS										SIGNALS				
		1	2	3	4	5	6	7	8	9	10	1	2	3	4	5
10126296-001LF 10P + 25S	E															
	D															
	C		2	2	2	2	2	2	2	2	2	3	3	3	3	3
	B															
	A															

PART NUMBER	ROWS	POWERS			SIGNALS		
		1	2		1	2	3
10126296-002LF 2P + 15S	E						
	D						
	C		2	1	32222	2	
	B						
	A						

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

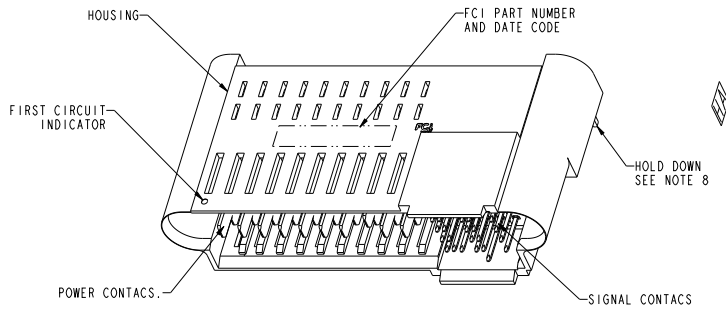
VIEWED FROM MATING FACE:

spec. ref.	SEE NOTE	dr	proj	projection	MM	size	A2	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	chk	app	product family	PwrLoPro	rel level	Released	
ASME Y14.5									
surface	linear	0.1	±0.30	0.2X	±0.20	0.25X	±0.10		
ASME Y14.5	angular	0°	±2°						
				PWR LoPro HEADER ASSEMBLY		10126296		rev	
		www.fci.com		RA, PASSIVE GUIDE, P+S		Product - Customer Drw		sheet 4 of 5	

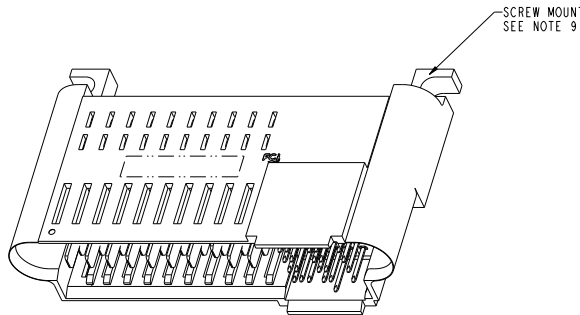
PDS: Rev :D

STATUS: Released

Printed: Dec 18, 2013



**10P x 25S CONFIGURATION SHOWN
HOLD DOWN TYPE**



**10P x 25S 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: 1.27um MIN Ni UNDERPLATING ALL OVER WITH 0.76um MIN GXT IN CONTACT MATING AREA, AND 0.5um MIN MATTE TIN ON TAIL AREA.

PLATING ON POWER CONTACTS: 1.27um MIN Ni UNDERPLATING ALL OVER WITH 0.76um MIN GXT IN CONTACT MATING AREA, AND 0.5um 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 $\varnothing 0.61 \pm 0.05\text{mm}$, FOR SOLDER $\varnothing 0.90 \pm 0.05\text{mm}$.
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.	projection	MM	size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng			A2	3:1
ASME Y14.5		chf			acc. no.	10126296-002LF
		appr			rel. level	Released
surface						
linear	0.1 ± 0.30					
0.2X ± 0.20						
0.3X ± 0.10						
ASME Y14.5						
angular	$\varnothing$ ± 2					



PWR LoPro HEADER ASSEMBLY
RA, PASSIVE GUIDE, P+S

10126296
D

PDS: 6 rev :D

STATUS: Released

Printed: Dec 18, 2013