PRODUCT NUMBER | SEE SHEET 2

49.53 REF
2X 2.41 REF
2X 3.30 REF
54.36
2X 4.70 REF
NOTE 1
34.80 REF
5X 2.54REF
16.38 REF
6.35REF
6.35REF
4.32 REF
VOID CORING OPTION, TYP SEE NOTE 9
7.62 REF
SIGNAL PIN POS. A1
HIGH POWER POS. P1
45.47 REF
4.45 REF
12.70
4.19 REF
2.54 REF
11.94
3.43±0.40 TYP TAIL LENGTH
1.37 REF
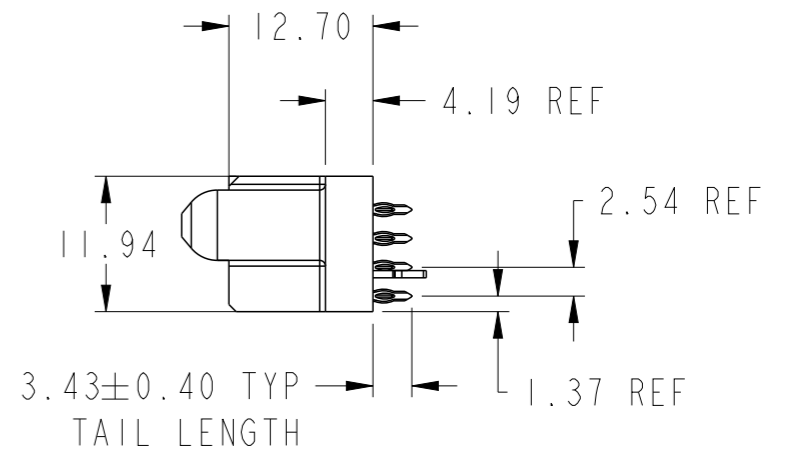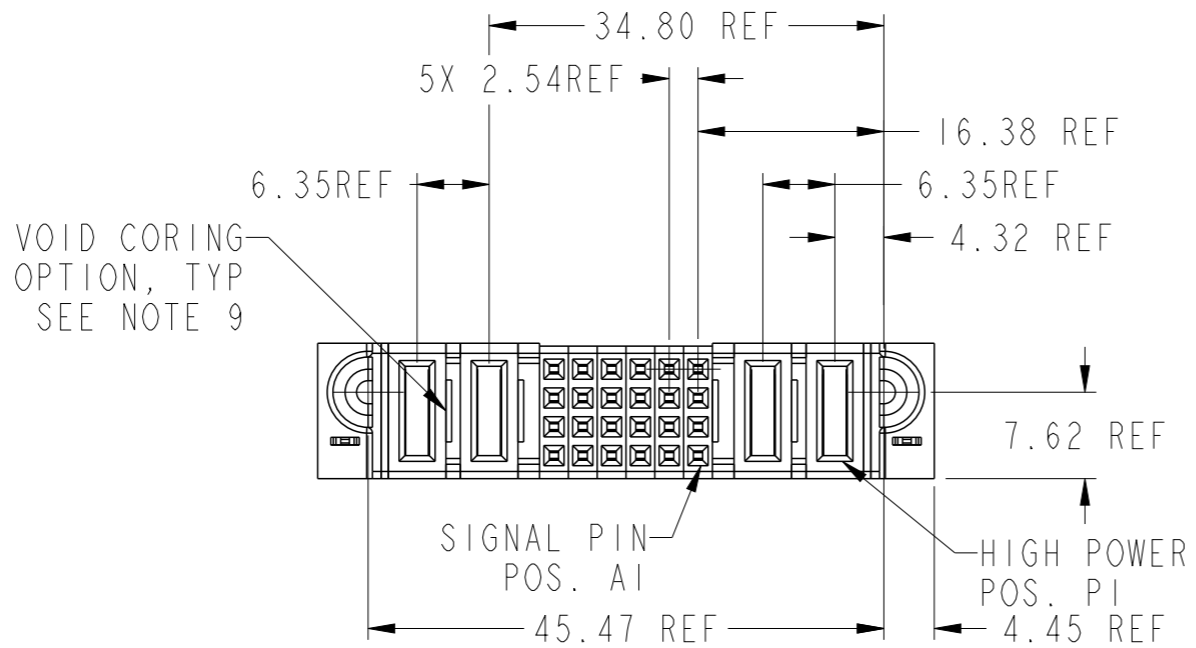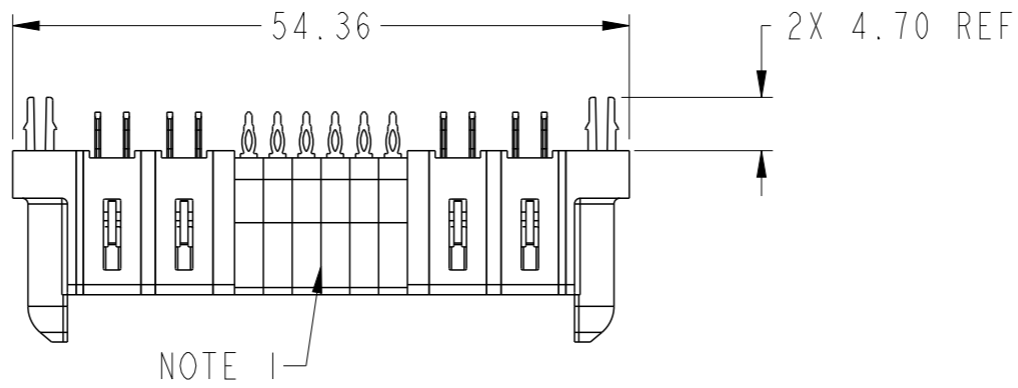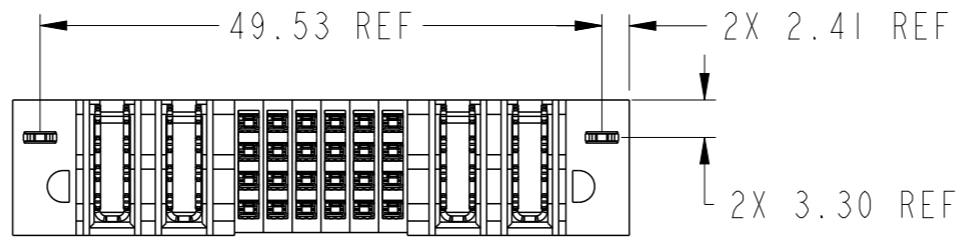
spec ref			dr	Helen Zhang	2013/06/07	projection		MM	size	A3	scale	3:2
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Xie Bob	2013/09/16						ecn no	-
			chr	Li- He	2013/09/16							
			appr	Pei-Ming Zheng	2013/09/16	product family	PowerBlade+		rel level	Released		
surface	linear	0.X ±0.50	FCi	title 2P + 24S + 2P					dwg no 10106131-4006201			rev A
		0.XX ±0.25										
		0.XXX ±0.10		VT PF RECEPTACLE								
ASME Y14.5	angular	0° ±2°	www.fci.com	cat. no.					Product - Customer Drw			sheet 1 of 3

Pro/E File - REV C - 2009-06-09

PRODUCT NO.	ROWS	HP		SIGNAL						HP		
		E1	P4	P3	6 5 4 3 2 1					P2	P1	E2
10106131-400620ILF	D C B A	HA	HG	HG	F F F F F F / F F F F F F / F F F F F F / F F F F F F					HG	HG	HA

CODE	DESCRIPTION
F	STD SIGNAL CONTACT
HA	METAL HOLD DOWN
HG	STD HIGH POWER CONTACT (3.43)

49.53
6.35
2.54 TYP
35.56
18.42
6.35
5.08

2X ⌀2.49±0.05
⌖ ⌀0.10Ⓜ V U
NOTE 6

NOTE 4

BSC NOTE 5

15.49 MIN.

2.54 TYP

1.93

5.21

V

2.54 TYP

2.54 TYP

U

⌀1.02±0.07 TYP
⌖ ⌀0.10Ⓜ V U
NOTE 6, 7

55.12 MIN.

BSC NOTE 5

dr	Helen Zhang	2013/06/07
eng	Xie Bob	2013/09/16
chr	Li- He	2013/09/16
appr	Pei-Ming Zheng	2013/09/16

projection

MM

size A3

scale 3:2

ecn no -

product family   PowerBlade+

rel level   **Released**

FCi
www.fci.com

title 2P + 24S + 2P
VT PF RECEPTACLE

cat. no.

dwg no 10106131-4006201
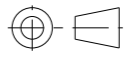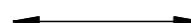
rev A

Product - Customer Drw   sheet 2 of 3

NOTES:

1) "FCI", 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.

2) MATERIALS:
   -HOUSING - GLASS FILLED WITH HIGH TEMP THERMOPLASTIC, UL94V-0.
   -SIGNAL CONTACT - COPPER ALLOY.
   -POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.

3) PLATING SPECIFICATION REFER TO FCI 10123565.

4) DENOTES CONNECTOR KEEP OUT ZONE.

5) DATUM AND BASIC DIMENIONS WERE ESTABLISHED BY CUSTOMER.

6) ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.

7) 1.15 ± 0.025MM DRILLED HOLE PLATED WITH 0.00762MM MIN Sn
    OVER 0.0254-0.0762MM Cu PLATING TO ACHIEVE A 1.02 ± 0.07MM HOLE.

8) PRODUCT SPECIFICATION REFER TO FCI GS-12-658.
   APPLICATION SPECIFICATION REFER TO FCI GS-20-141.
   PRODUCT PACKAGED IN TRAYS, REFER TO FCI GS-14-1502.

9) THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL
   MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE
   MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE
   VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

dr	Helen Zhang	2013/06/07	projection	MM	size	A3	scale 1:1
eng	Xie Bob	2013/09/16			ecn no	-
chr	Li- He	2013/09/16				
appr	Pei-Ming Zheng	2013/09/16	product family	PowerBlade+	rel level	Released

FCi

title: 2P + 24S + 2P
VT PF RECEPTACLE

www.fci.com cat. no.

dwg no: 10106131-4006201 rev A

Product - Customer Drw sheet 3 of 3