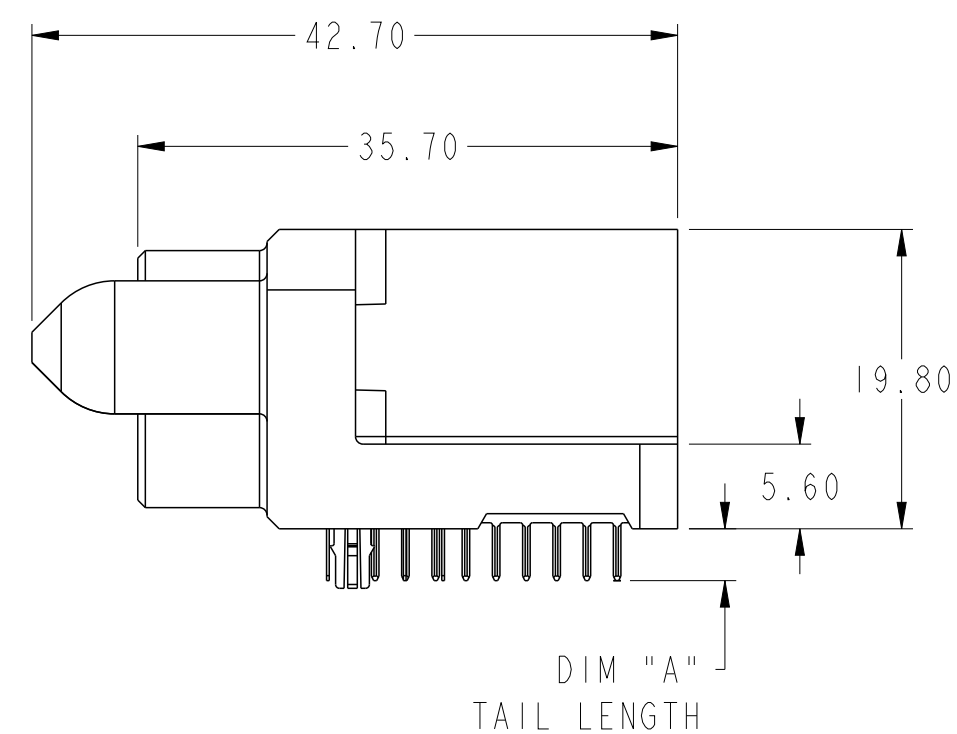
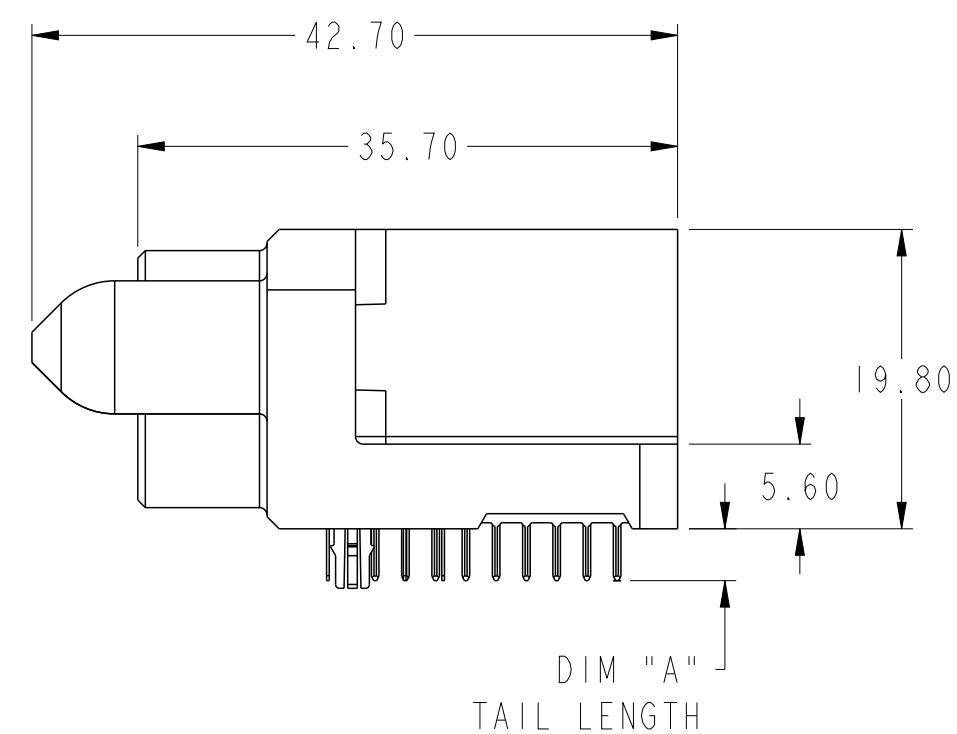
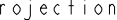
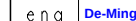




spec ref		*	dr		De-Ming Lu	2014/06/30	projection 	MM 	size	A2	scale	2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		De-Ming Lu	2014/09/09			ecn no	-			
ASME Y14.5			chr		-				rel level		Released		
			appr		Pei-Ming Zheng	2014/09/09	product family						
surface 		linear	0.X	±0.5		Title	R/A REC ASSY I6S + I2DCP HCI POWER CONNECTOR		dwg no	10130748		rev	A
	0.XX		±0.25										
	0.XXX	±0.100											
ASME Y14.5		angular	0°	±0°	www.fci.com		cat. no.	*	Product - Customer Drw		sheet 1 of 4		

I	2	3	4	5	6	7	8		
A								A	
B	TOP LAYER DESCRIPTION	TABLE 1 (HCI POWER) PLATED THROUGH-HOLE REQUIREMENTS							
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	-	-	-	-	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	-	-	-	0.9 - 1.5um	-	0.70 - 0.80
	IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	-	-	-	-	0.15 - 0.65um	0.70 - 0.80
	COPPER (SEE NOTE 9)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	-	-	-	-	-	0.70 - 0.80
COLD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	-	0.003 - 0.007	FLASH UP TO 0.0002	-	-	0.69 - 0.80	
C								C	
	TOP LAYER DESCRIPTION	TABLE 2 (HCI SIGNAL) PLATED THROUGH-HOLE REQUIREMENTS							
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	FINISHED HOLE DIAMETER				
	TIN-LEAD	1.125 - 1.175 (Ø.0453±.0010)	0.025 - 0.050	0.005 - 0.015	0.94 - 1.10 (Ø.040±.003)				
D								D	
E								E	
F								F	

spec ref

*

dr

De-Ming Lu

2014/06/30

eng

De-Ming Lu

2014/09/09

chr

-

-

appr

Pei-Ming Zheng

2014/09/09

tolerance std

ASME Y14.5

TOLERANCES UNLESS OTHERWISE SPECIFIED

surface

✓

ASME Y14.5

linear

0.X

±0.5

0.XX

±0.25

0.XXX

±0.100

angular

0°

±2°

www.fci.com

title

R/A REC ASSY 16S + 12DCP

HCI POWER CONNECTOR

cat. no.

*

product family

size

A2

scale

2:1

ecn no

-

rel level

Released

dwg no

10130748

rev

A

Product - Customer Drw

sheet 3 of 4

PDS: Rev :A

STATUS:Released

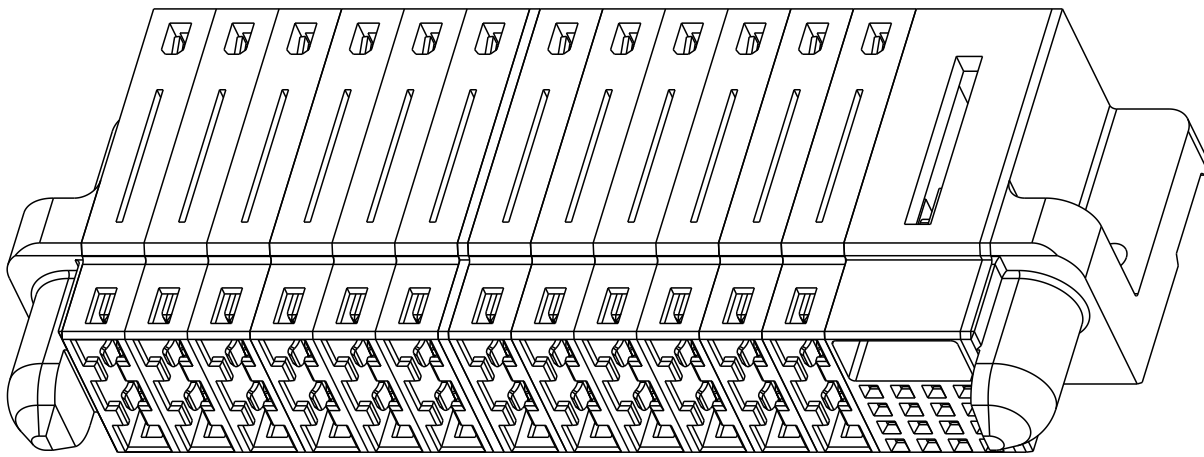
Printed: Sep 10, 2014

FCI

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ProfE File

REV C - 2009-06-09

1		2		3		4		5		6		7		8	
PART NUMBER		RETENTION CLIPS		#4 SCREWS		DIM A (TAIL LENGTH)		TAIL TYPE							
10130748-001LF		NO		YES		3.43		SOLDER TAIL							
10130748-002LF		NO		YES		4.70		SOLDER TAIL							
10130748-003LF		YES		NO		3.43		SOLDER TAIL							
10130748-004LF		YES		NO		4.70		SOLDER TAIL							
															
NOTES:															
1. CONNECTOR MATERIALS: HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK UL 94V-0 COMPLIANT CONTACTS: HIGH PERFORMANCE COPPER ALLOY															
2. CONTACT FINISH (ref GS-12-380 SECTION 5.2)															
3. PRODUCT SPECIFICATION: GS-12-380.															
4. APPLICATION SPECIFICATION: GS-20-070.															
⑤. PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.															
⑥. MINIMUM NOMINAL PCB THICKNESS: 1.6mm															
7. PACKAGING MEETS FCI SPECIFICATION GS-14-1073.															
⑧. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.															
⑨. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.															
10. ALL HOLE SIZES ARE FINISHED HOLE SIZES.															
⑪. MOUNTING HOLES ARE UNPLATED.															