

spec ref				dr		Jackie Huang	2014/06/18	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A3	scale	2:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Hai-Ling Liu	2014/07/02			ecn no		-			
				chr		-				rel level		Released			
				appr		Pei-Ming Zheng				2014/07/02	product family		-		
surface	linear	0.X		±0.50			title VERT RECP 48HP+12S HPCE MEZZANINE				dwg no	10129703		rev	A
		0.XX		±0.25											
		0.XXX		±0.10											
	angular	0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 4	



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A

B

C

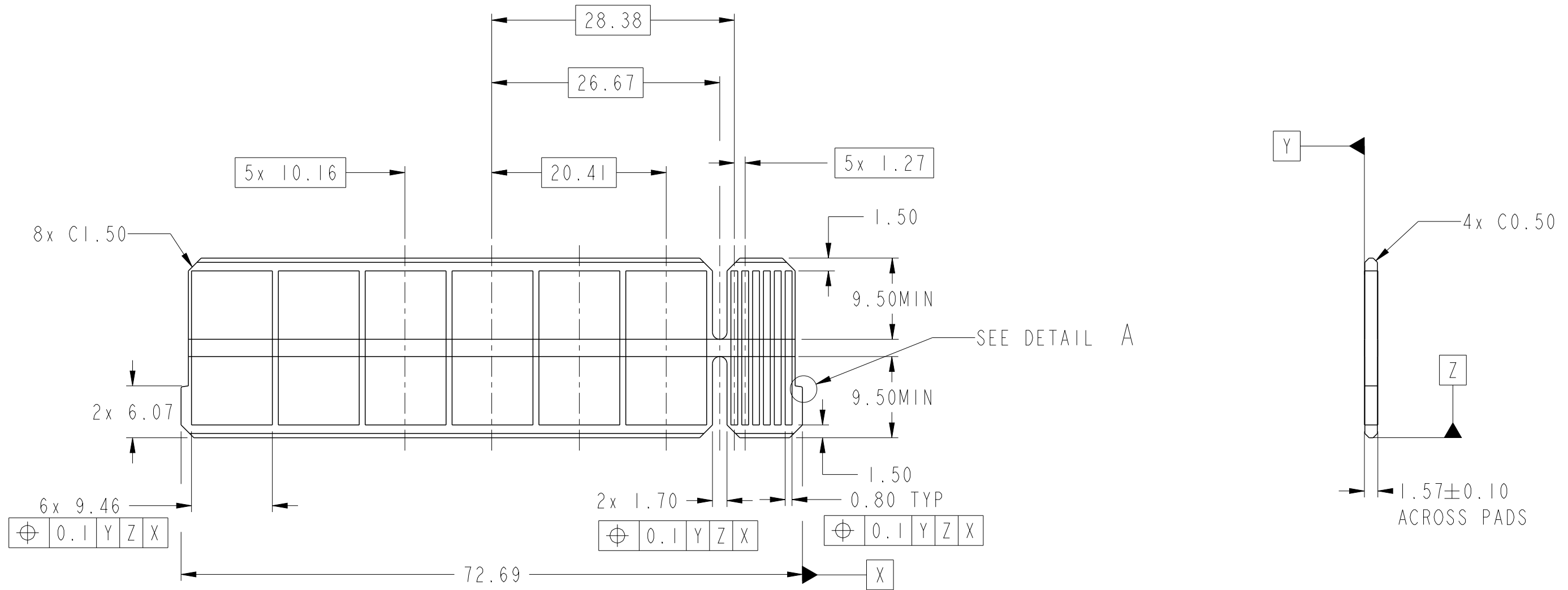
D

A

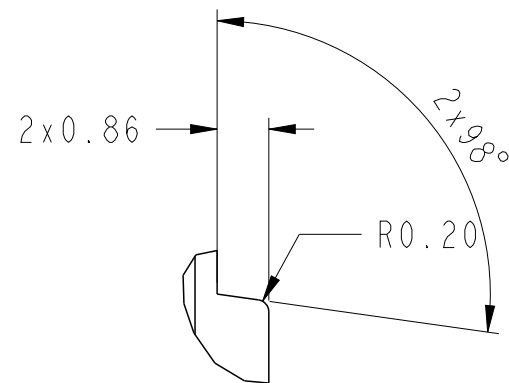
B

C

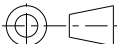


D



RECOMMENDED EDGE CARD LAYOUT
DIMENSION TOLERANCE ± 0.05 mm



DETAIL A
SCALE 8:1

dr	Jackie Huang	2014/06/18	projection 	MM 	size	A3	scale	2:1			
eng	Hai-Ling Liu	2014/07/02			ecn no	Released					
chr	-	-			rel level						
appr	Pei-Ming Zheng	2014/07/02	product family		-						
		title			VERT RECP 48HP+12S		dwg no		10129703	rev	A
HPCE MEZZANINE											
www.fci.com		cat. no.		-	Product - Customer Drw				sheet 3 of 4		

A

B

C

D

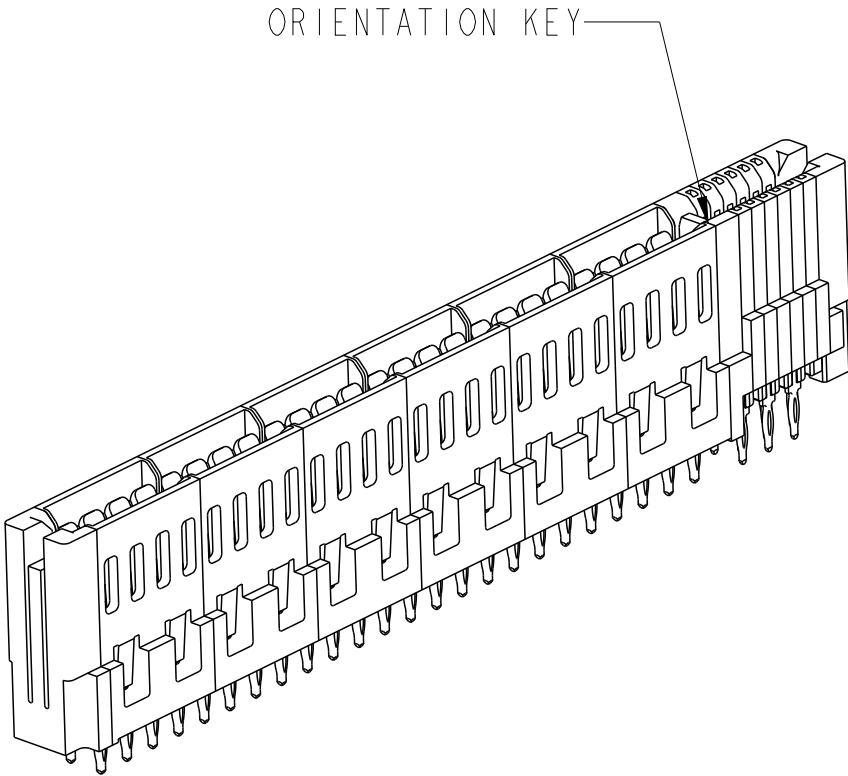
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / PRESS-FIT TAILS PLATED THROUGH-HOLE REQUIREMENTS)				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86(0.85 DRILL)	0.025-0.050	0.005-0.015	- -	0.65-0.80
	IMMERSION TIN	0.81-0.86(0.85 DRILL)	0.025-0.050	- -	0.9-1.5um	0.70-0.80
	COPPER	0.81-0.86(0.85 DRILL)	0.025-0.050	- -	- -	0.70-0.80

PART NUMBER	ORIENTATION KEY
10129703-001LF	YES
10129703-002LF	NO
TABLE 2	

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.
3. PRODUCT SPECIFICATION: GS-12-604.
4. APPLICATION SPECIFICATION: GS-20-128.
5. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.
7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.



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eng	Hai-Ling Liu	2014/07/02			ecn no	-			
chr	-	-							
appr	Pei-Ming Zheng	2014/07/02	product family		-	rel level		Released	
	title	VERT RECP 48HP+12S			dwg no	10129703		rev	
		HPCE MEZZANINE							
	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 4 of 4		