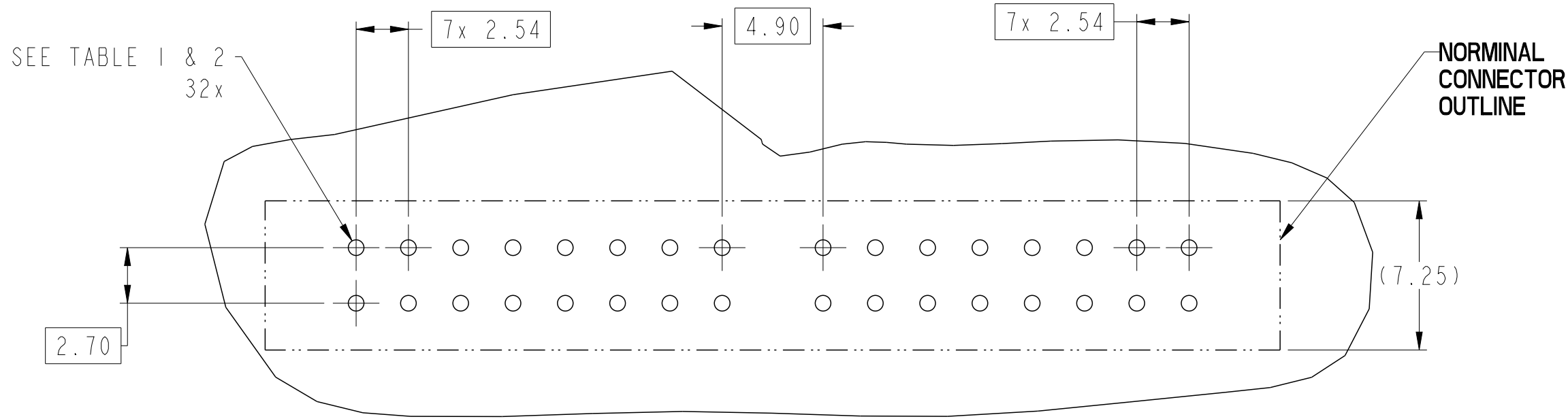






spec ref				dr	Jackie Huang	2014/12/17	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A3	scale	2:1		
tolerance std				eng	Hai-Ling Liu	2015/01/12			ecn no				-	
ISO 406				chr	-	-			rel level				Released	
ISO 1101				TOLERANCES UNLESS OTHERWISE SPECIFIED					appr	Pei-Ming Zheng	2015/01/12	product family		
surface	- 	linear	0.X	±0.5		title	HPCE MEZZANINE			dwg no	10132872		rev	A
			0.XX	±0.25										
			0.XXX	±0.100										
		angular	0°	±2°										
ISO 1302														

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER (SEE NOTE 8)	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (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 (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



RECOMMENED HOST BOARD

spec ref		dr		Jackie Huang		2014/12/17		projection		MM		size		A3		scale		2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Hai-Ling Liu		2015/01/12						ecn no		-		Released			
ISO 406				chr		-		-													
ISO 1101				appr		Pei-Ming Zheng		2015/01/12						product family		-					
surface  ISO 1302		linear		0.X		±0.5				title		HPCE MEZZANINE		dwg no		10132872		rev		A	
				0.XX		±0.25															
				0.XXX		±0.100															
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4					



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A

B

C

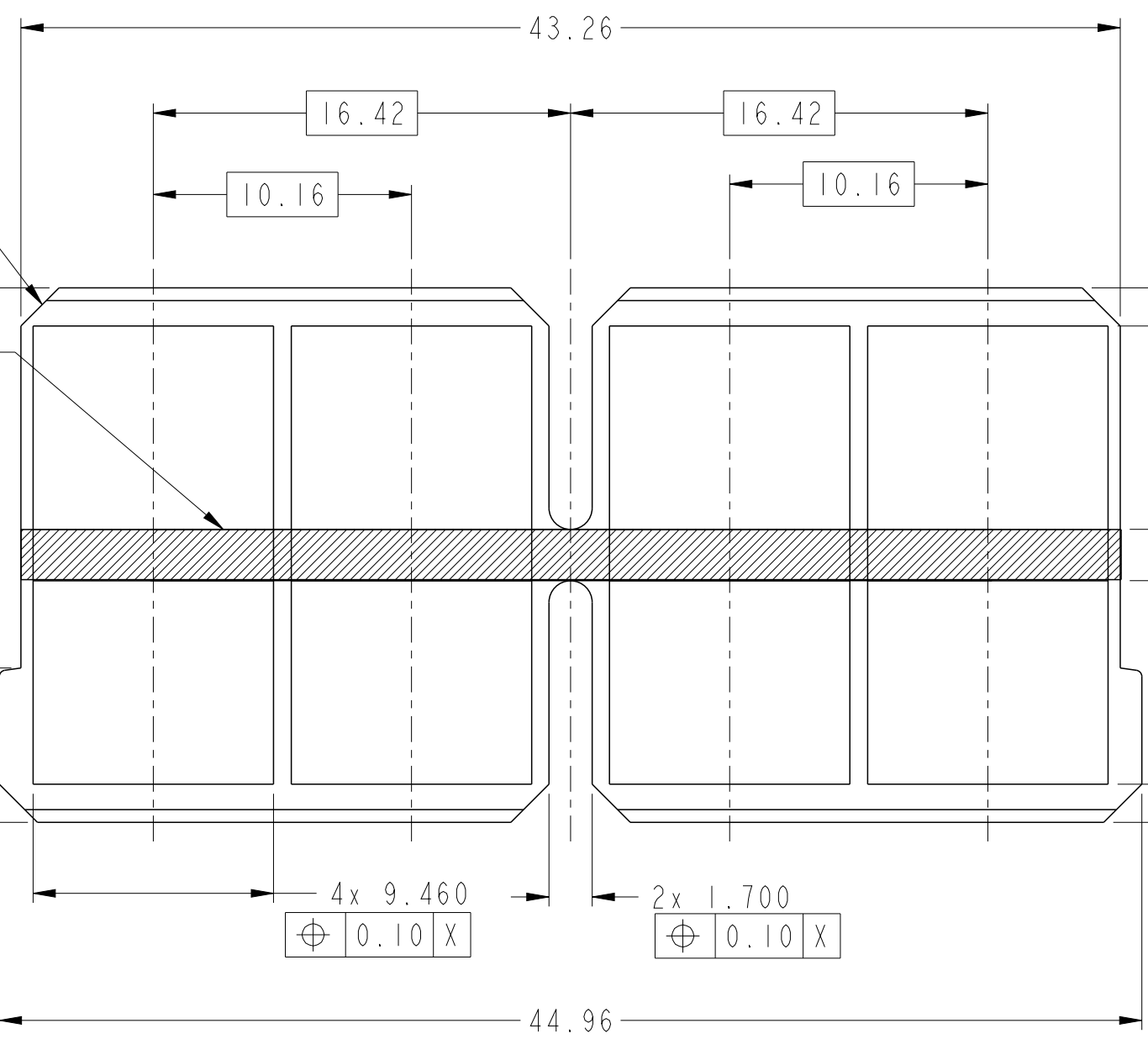
D

DIM "L"
SEE TABLE 3

8x C1.50

HATCHED IS
SOLDER MASK
AREA

2x 6.07



1.50

9.50 TYP

9.50 TYP

1.50

2x C0.50

1.57±0.13
ACROSS PADS

DIM"L" (±0.25)	MEZZANINE STACK HEIGHT (±0.50)
21.02	32
22.02	33
23.02	34
24.02	35
25.02	36
26.02	37
27.02	38
28.02	39
29.02	40
30.02	41
31.02	42
TABLE 3	

A

B

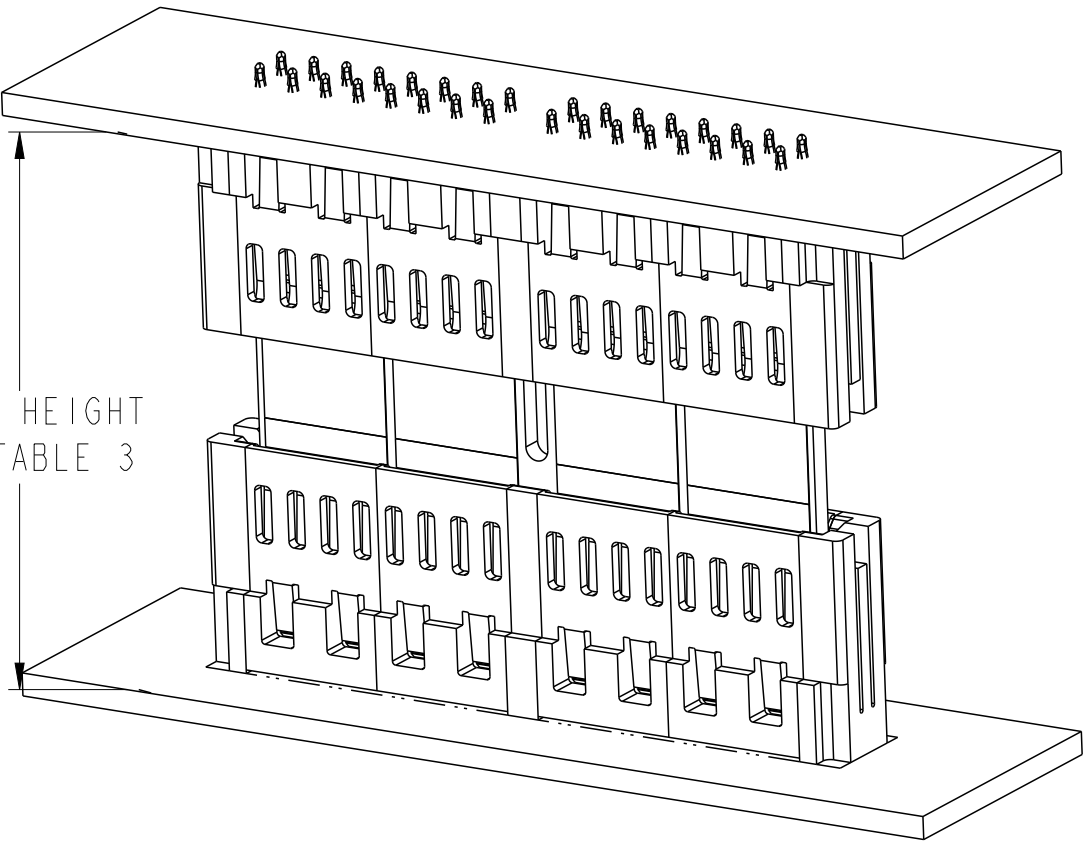
C

D

RECOMMENDED BRIDGE PCB

spec ref		dr		Jackie Huang	2014/12/17	projection		MM		size	A3	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Hai-Ling Liu	2015/01/12					ecn no		-	
		chr		-	-					rel level		Released	
ISO 406 ISO 1101		appr		Pei-Ming Zheng	2015/01/12	product family		-					
surface ISO 1302	linear	0.X		±0.5			title HPCE MEZZANINE 8HP			dwg no 10132872		rev A	
		0.XX		±0.25									
		0.XXX		±0.100									
	angular	0°		±2°		www.fci.com	cat. no.		-	Product - Customer Drw		sheet 3 of 4	

PART NUMBER	TAIL TYPE
10132872-001LF	SOLDER
10132872-002LF	PRESS-FIT
TABLE 4	



STACK HEIGHT
SEE TABLE 3

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT

CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-1261 SECTION 5.2.
3. PRODUCT SPECIFICATION: GS-12-1261.
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. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

spec ref		dr Jackie Huang		2014/12/17		projection		MM		size A3		scale 2:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Hai-Ling Liu		2015/01/12				ecn no -			Released
				chr -		-							
				appr Pei-Ming Zheng		2015/01/12				product family -			
surface ISO 1302	linear	0.X ±0.5			title HPCE MEZZANINE 8HP				dwg no 10132872	rev A			
		0.XX ±0.25											
		0.XXX ±0.100											
	angular	0° ±2°											
		www.fci.com		cat. no. -		Product - Customer Drw				sheet 4 of 4			