

PART NUMBER 10125705-001LF

A

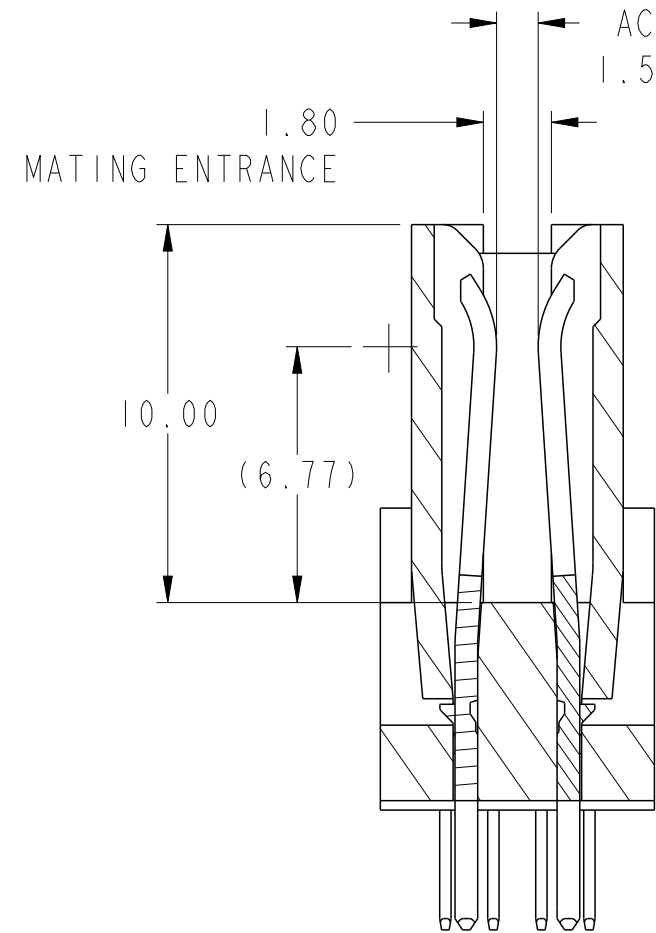
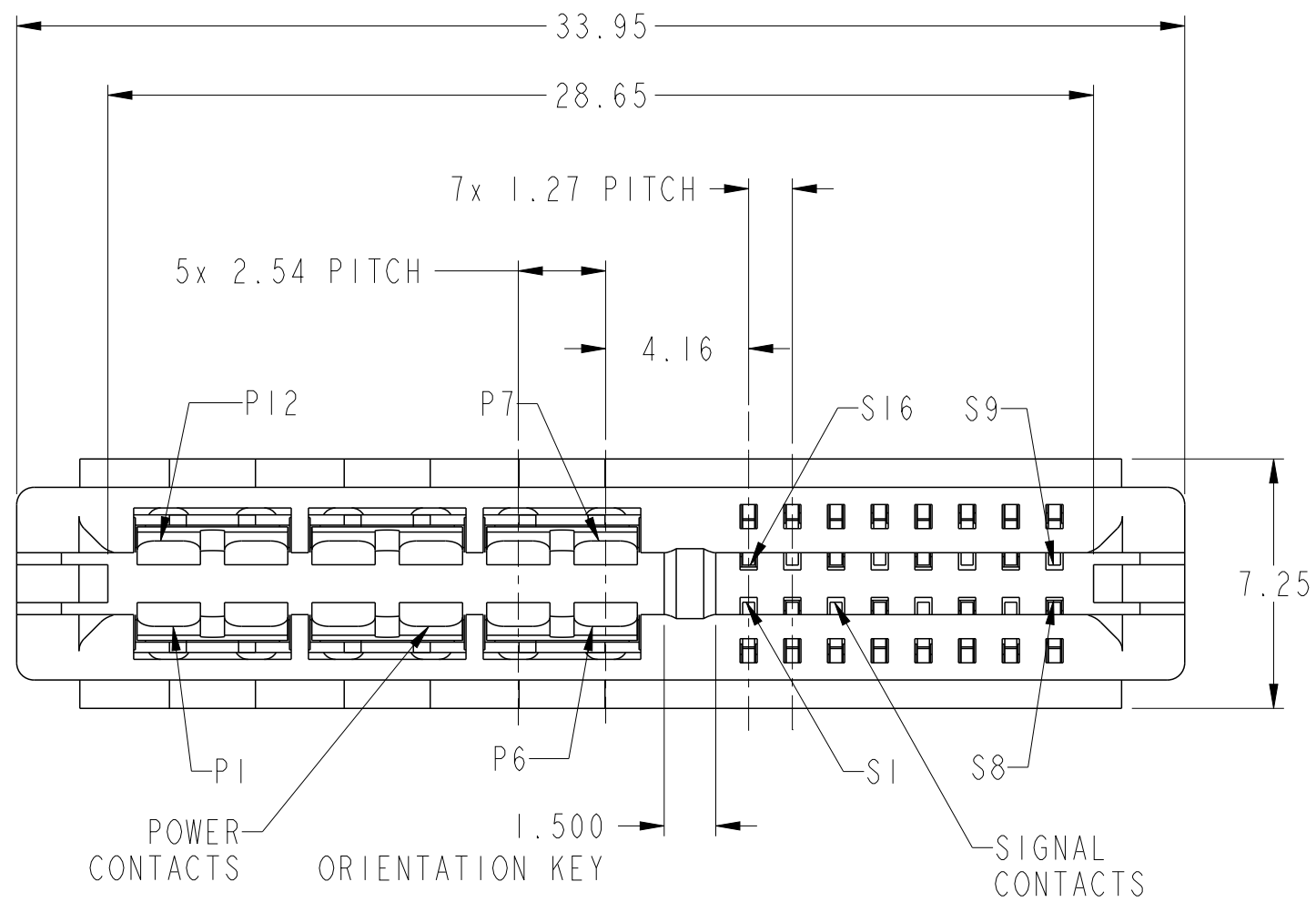
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C

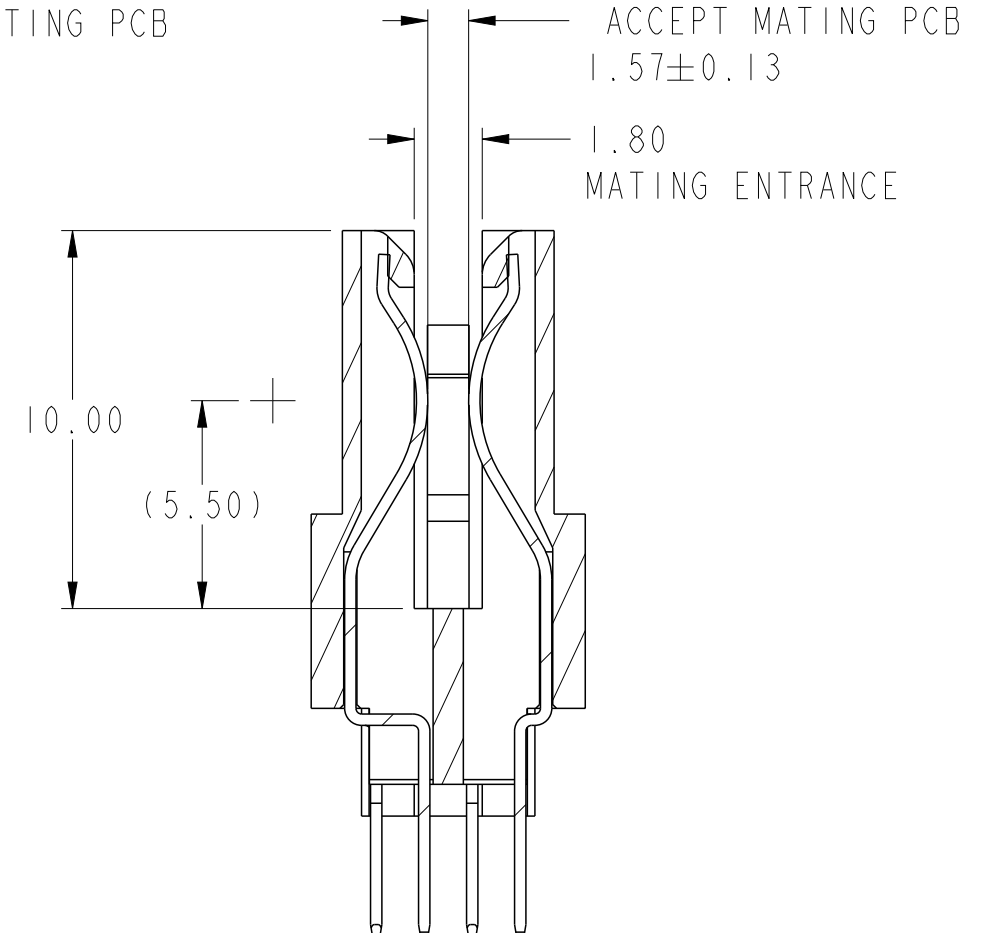
D

E

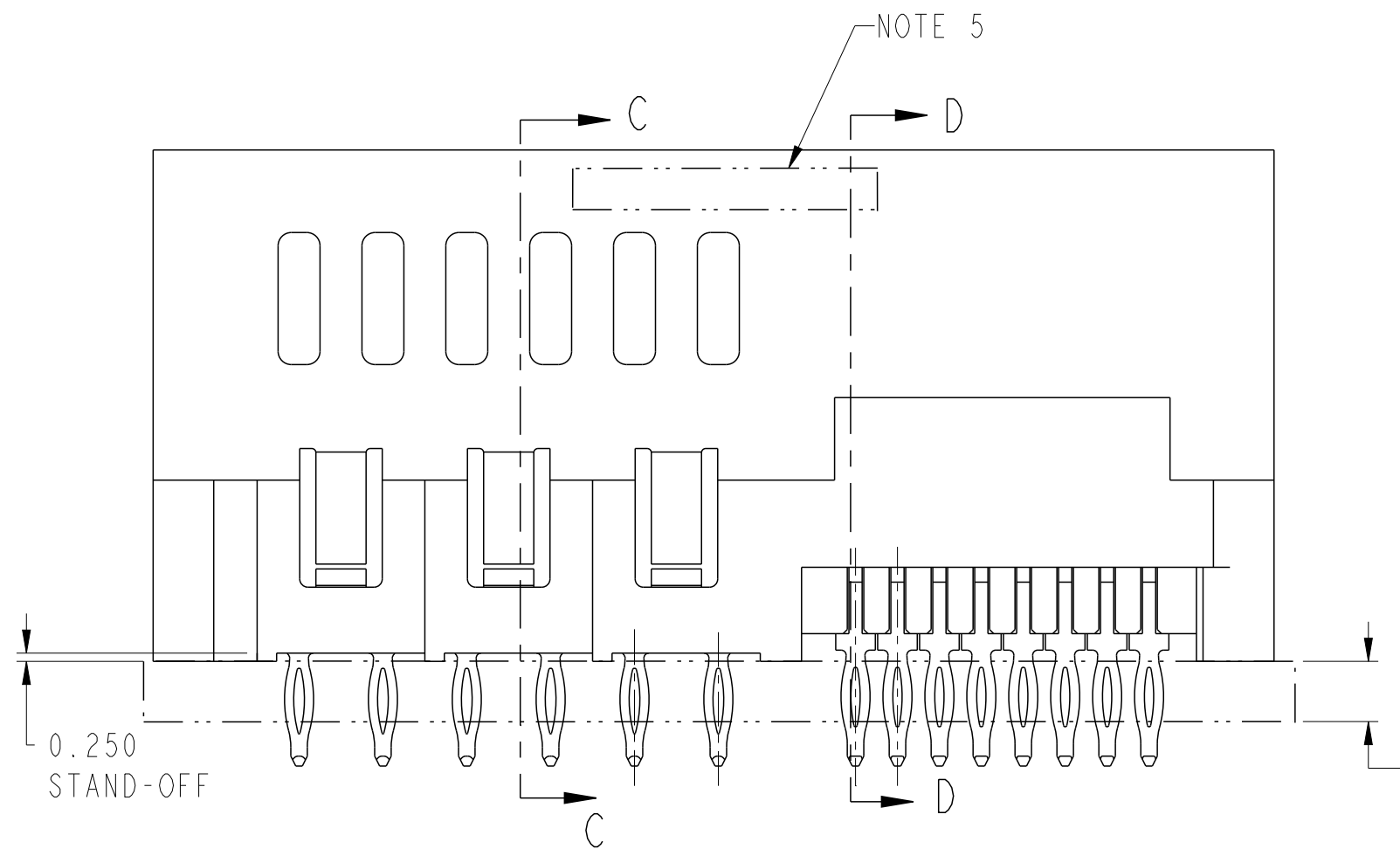
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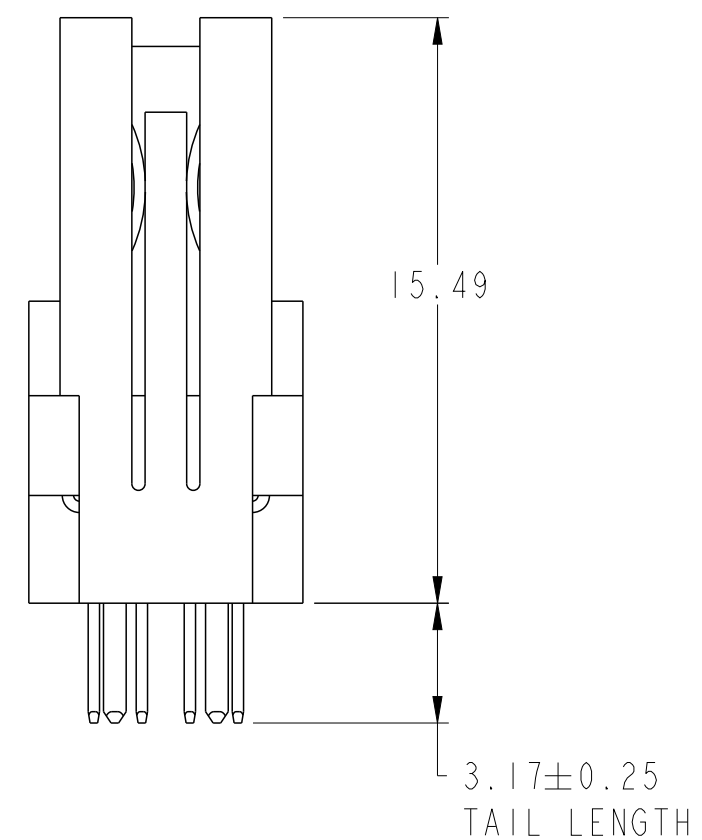
SECTION C-C






SECTION D-D



RECOMMENDED BOARD THICKNESS  
1.57 MIN (PRESS-FIT)



spec ref		-		dr		Jackie Huang		2014/10/31		projection				mm		size		A2		scale		5:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/04/12				ecn no		ELX-DG-22934-1		CARD EDGE		rel level		Released			
ISO 406				chr		Terris Liu		2016/05/20				product family											
ISO 1101				appr		Pei-Ming Zheng		2016/05/24															
surface				linear		0.X		±0.5		<b>Amphenol FCI</b>		title		VERT RECP (12P 16S)		dwg no		10125705		rev		B	
				0.XX		±0.25		MEZZANINE HPCE															
ASME Y14.5				0.XXX		±0.10		cat. no.				-		Product - Customer Drw				sheet 1 of 3					
		angular		0°		±2°																	

PDS: Rev :B


STATUS:Released

Printed: May 24, 2016

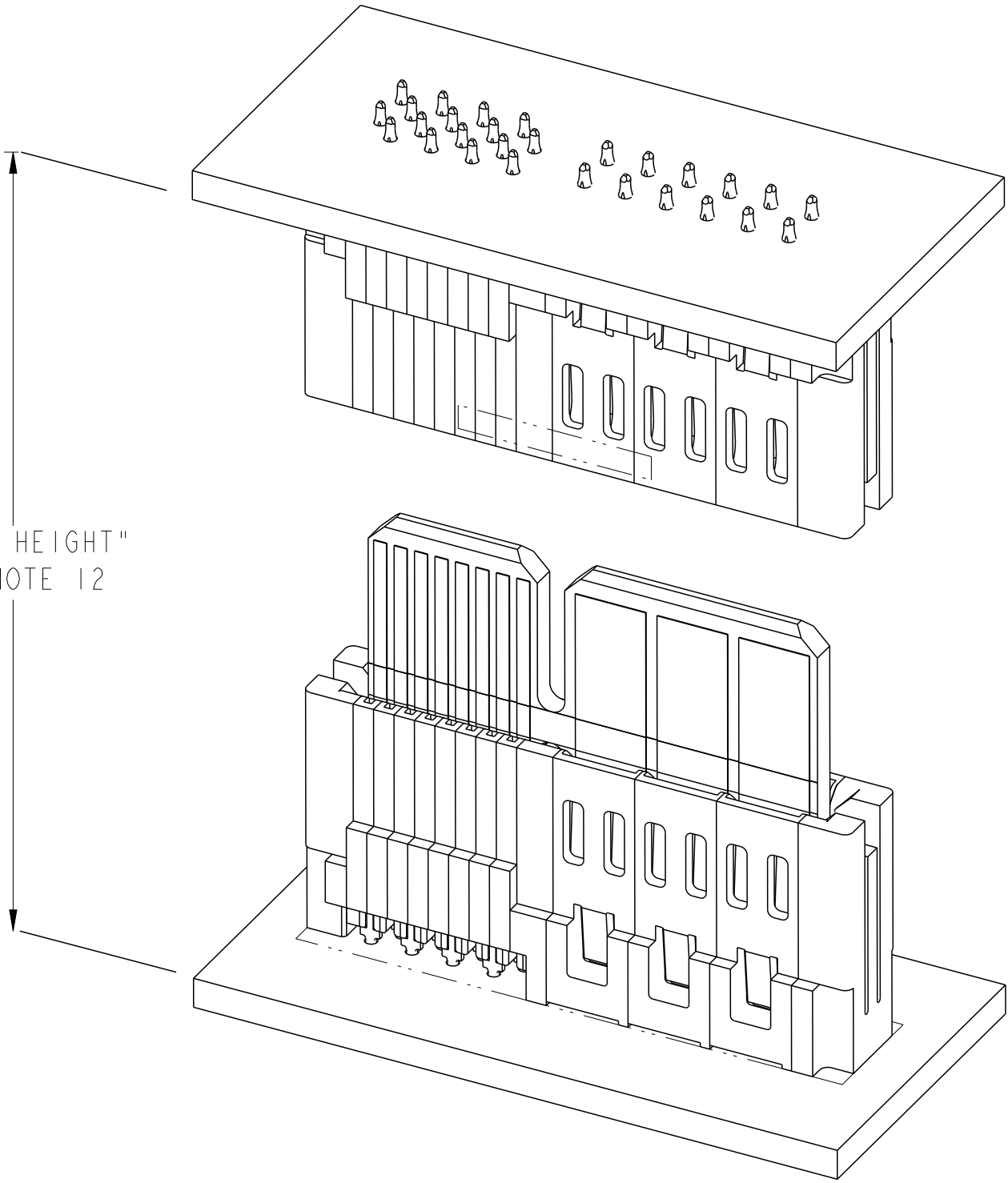
Printed: May 24, 2016

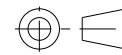
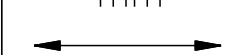
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80

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-12-1261.
4. APPLICATION SPECIFICATION: GS-20-128.
5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
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.
10. INTENDED USE: TWO ASSEMBLIES (P/N 10122776) MEZZANINE STACKED USING PCB TO CONTROL STACK HEIGHT.  
DIM "L" + 10.98mm = FINAL MEZZANINE STACK HEIGHT.  
DIM "L" RANGES FROM 21.02-31.02 mm IN 1 mm INCREMENTS.
11. SEE DRAWING 10125707 FOR MATING PCB DETAIL
12. A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

"STACK HEIGHT"  
SEE NOTE 12



spec ref -		dr Jackie Huang		2014/10/31				size A2	scale 1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Sunny2 Liu		2016/04/12				ecn no ELX-DG-22934-1	
ISO 406		chr Terris Liu		2016/05/20				rel level Released	
ISO 1101		appr Pei-Ming Zheng		2016/05/24					
product family						-			
surface		linear	0.X	±0.5	Amphenol FCI	title VERT RECP (12P 16S) MEZZANINE HPCE	dwg no 10125705	rev B	
ASME Y14.5	0.XX		±0.25						
	0.XXX		±0.10						
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	sheet 3 of 3	