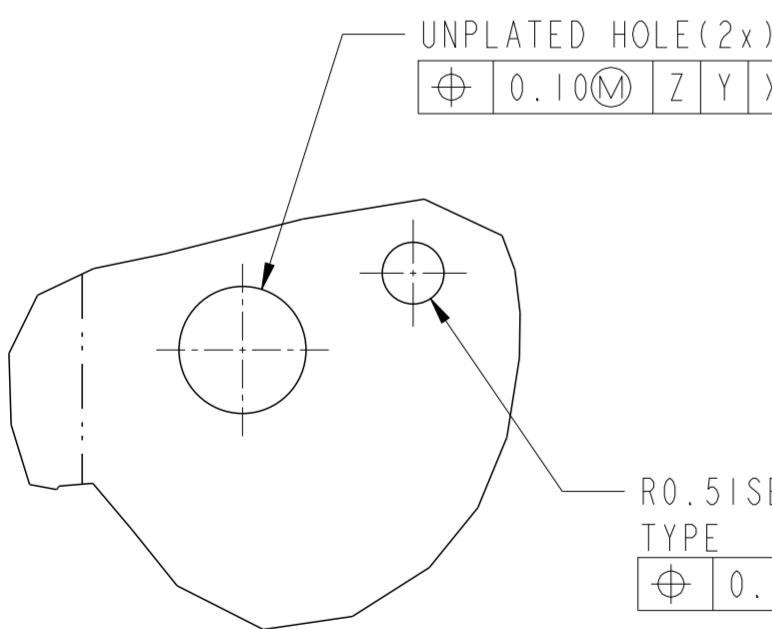
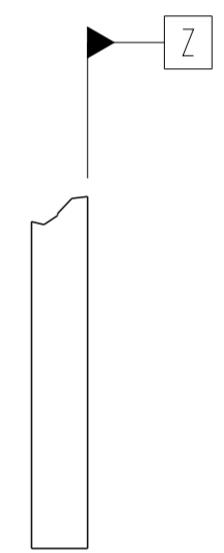
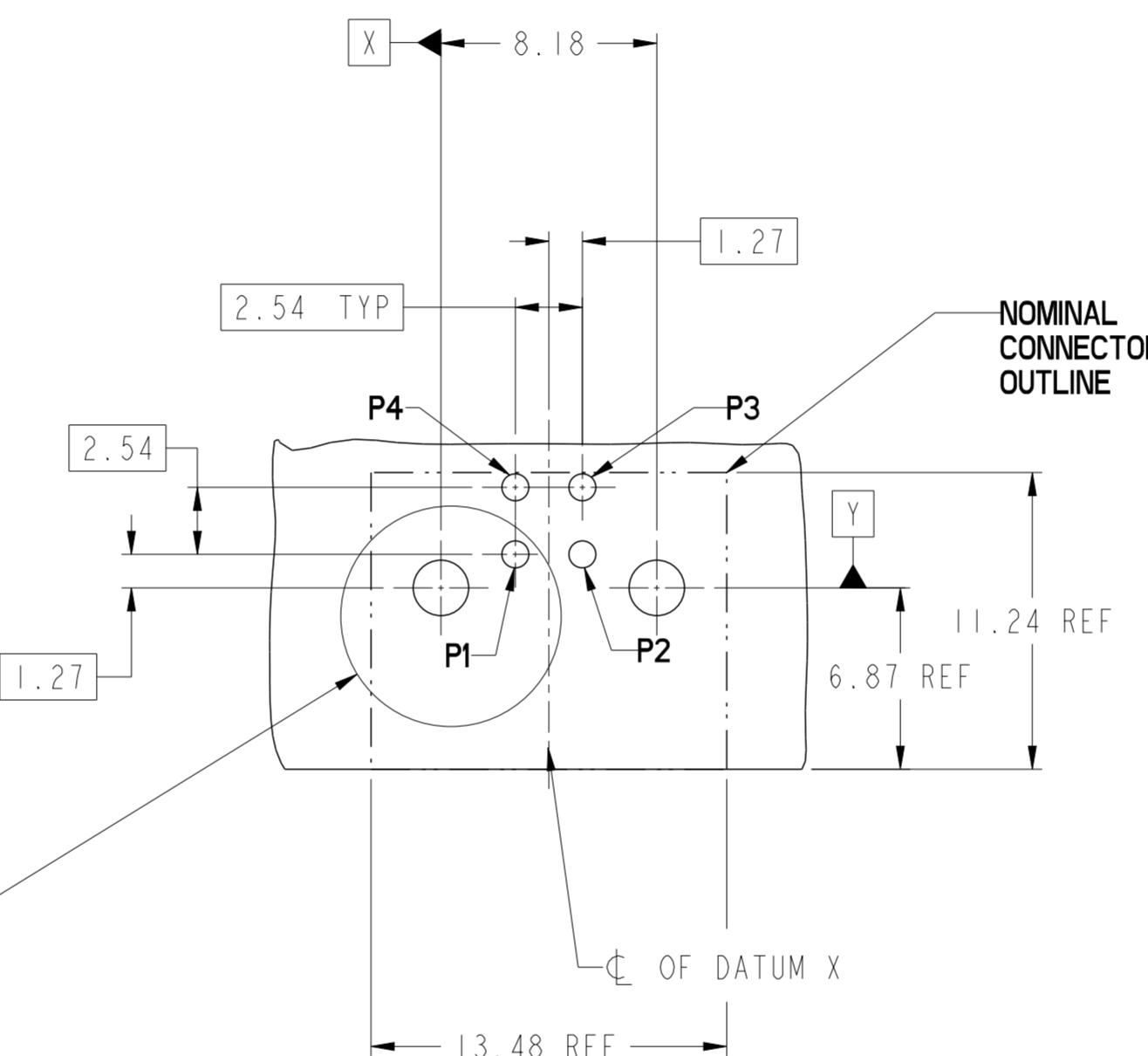


HOLD-DOWN PEG
SEE TABLE 2

spec ref	-	dr	Hal-Ling Liu	2015/07/20	projection 	MM 	size	scale	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ISO 406 ISO 1101	eng	Hal-Ling Liu	2015/07/24			A2	4:1	
		chr	Terri Liu	2015/07/24			ecn no	-	
		appr	Pei-Ming Zheng	2015/07/24			rel level	Released	
surface	linear	0.X	±0.50	 HPCE BTB R/A RECEPTACLE 2LP W/O GUIDE POST		dwg no 10136236	rev		
		0.XX	±0.25						
		0.XXX	±0.10					A	
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 3		

TABLE I (HPCE / SOLDER TAILS)
PLATED THROUGH-HOLE REQUIREMENTS

CONTACT TYPE	TOP LAYER DESCRIPTION	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
		1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	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	--	0.9 - 1.5um	0.94 - 1.10



R0.51 SEE TABLE I, NOTE 9.
TYPE
Ø 0.10M Z Y X

RECOMMENDED PCB LAYOUT

DETAIL A
SCALE 8:1

spec ref	dr	2015/07/20	projection	size	scale
tolerance std	eng	2015/07/24	MM	A2	4:1
ISO 406	chr	2015/07/24	ecn no	-	
ISO 1101	opp	2015/07/24	product family	-	
surface	linear	0.0X ±0.50 0.0XX ±0.25 0.0XXX ±0.10	ISO 1302	Released	
	angular	0° ±2°	FCI	HPCE BTB R/A RECEPTACLE 2LP W/O GUIDE POST	10136236
		www.fci.com	cat. no.	Product - Customer Drw	rev A

HPCE PART NUMBER (TABLE 2)

PART NUMBER	TAIL TYPE	HOLD-DOWN PEGS OPTION	DIM T ± 0.25 TAIL LENGTH
10136236-001LF	SOLDER TAIL	YES	3.25
10136236-002LF		NO	
10136236-003LF	SOLDER TAIL	YES	2.60
10136236-004LF		NO	

B

B

C

C

D

D

NOTES:

1. CONNECTOR MATERIALS:

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

CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-1125.

3. PRODUCT SPECIFICATION: GS-12-1125.

4. APPLICATION SPECIFICATION: GS-20-0388.

5. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

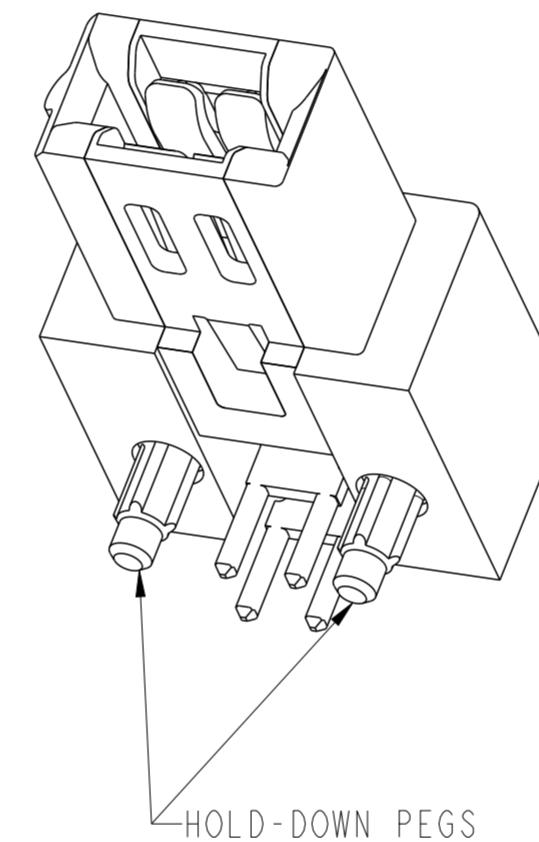
6. PACKAGING MEETS FCI SPECIFICATION GS-14-2272.

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. MOUNTING HOLES ARE UNPLATED
 $\phi 2.18 \pm 0.03$ FOR SOLDER TAILS



spec ref	dr	projection	size	scale
tolerance std	eng	MM	A2	4:1
ISO 406	Hai-Ling Liu	2015/07/20		
ISO 1101	Hai-Ling Liu	2015/07/24		
	chr	Terri Liu	2015/07/24	
	opp	Pei-Ming Zheng	2015/07/24	product family
				rel level Released

FCI

HPCE BTB R/A RECEPTACLE
2LP W/O GUIDE POST

10136236

Product - Customer Drw

sheet 3 of 3

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