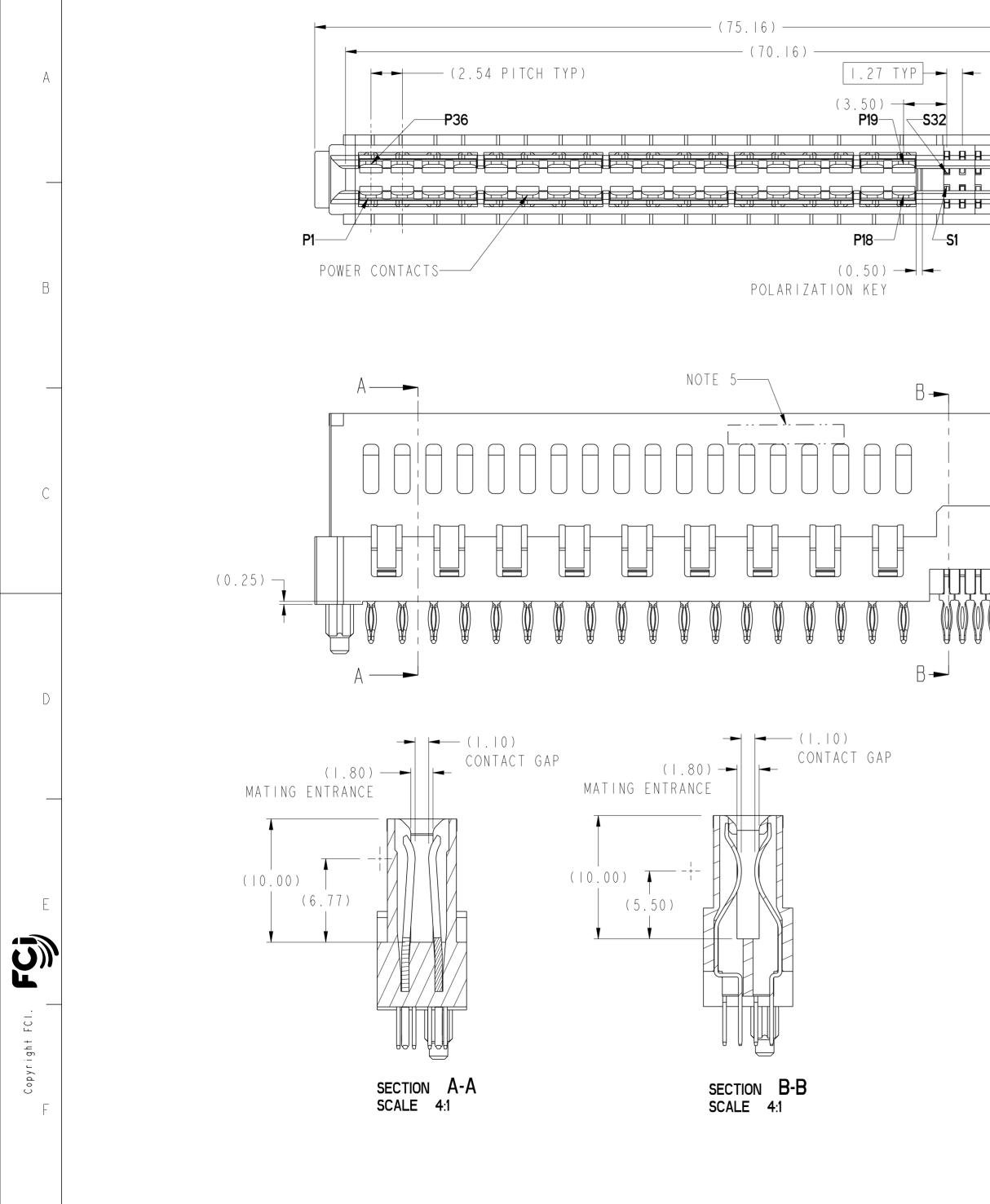
Ι	2	3	4	5	6	7	8
	PI POWER CONTACTS						B
(0.25) —					HOUSING NOTE 7 3.17±0.2 TAIL LENG (4.00)	GTH	C (15.49)
MAT I (0 . ((1.80) NG ENTRANCE (0)) (6.77) (6.77)	0) TACT GAP (1.80) MATING ENTRANCE (10.00) (5.50)	(I.IO) CONTACT GAP			REV ECN NO. A	E DR DATE HZ 2012-05-15
Pro/E File - REV C - 2009-06-09	SECTION A-A SCALE 4:1	3	SECTION B-B SCALE 4:1	spec ref - tolerance std TOLE ISO 406 ISO 1101 surface linear ISO 1302 angular 5		DEVIG DEVIG DEVIG Product family RECT 36P + 32S POWER CARD EDGE	Size Scale A2 I:I ecn no - rel level Released I0I20850 A Customer Drw Sheet I of 4 Printed: May 16, 2012



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_		2	3	4	5	6	7	8
	CONTACT TYPE	TOP LAYER		TABLE I (HPCE / SOLDER PLATED THROUGH-HOLE REQU				
		DESCRIPTION -	DRILLED HOLE DIAMETER	COPPER TIN-LE THICKNESS THICKNE	AD TIN FI ESS THICKNESS HOLE	N I SHED D I AMETER		
A	POWER & SIGNAL	TIN-LEAD IMMERSION TIN	I.IO-I.I6 (I.I5 DRILL) 0	.025 - 0.050 0.005 - 0 .025 - 0.050	0.9 - I.5um 0.94	4 - I.IO 4 - I.IO		A
-		COPPER (SEE NOTE 8)		.025 - 0.050		4 - Ι.ΙΟ		
	CONTACT TYPE	TOP LAYER DESCRIPTION	P	TABLE 2 (HPCE / PRESS-FI PLATED THROUGH-HOLE REQU	REMENTS			
-		TIN-LEAD	DRILLED HOLE DIAMETER 0.81-0.86 (0.85 DRILL) 0	COPPER TIN-LE THICKNESS THICKNE .025 - 0.050 0.005 - 0	ESS THICKNESS HOLE	NISHED DIAMETER 5 - 0.80		
В	POWER & SIGNAL	IMMERSION TIN COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL) 0	.025 - 0.050 .025 - 0.050	0.9 - 1.5um 0.70	<u>0 - 0.80</u> 0 - 0.80		В
-		COTTER COLE NOTE OF	0.01 0.00 (0.00 BRTEL)					
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				71.12		X		
С			33.02		I 3 . 6 6 			C
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	.3		P36		P19			. 2 3 7
D							<u> </u>	D
	Y		P1		P18 S1	S16		
							3X I.27	
				- Z -				
	(SEE NOT <u>e io f</u>	ED HOLE (2X)/ OR DIAMETER) .IOM Z Y X			SEE <u>TYP</u>	TABLE I, 2& NOTE 9		
E			\ominus 0.10 \bigcirc Z Y X		\oplus	0.10M Z Y X		E
IJ								
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ight								
Copyr					spec ref - tolerance std Tole	dr Wei-Long Zhang eng Wei-Long Zhang	2012/04/20 projection 2012/05/16 Image: Constraint of the second secon	mm A2 I:I F
					ISO 406 ISO IIOI	ERANCES UNLESS chr RWISE SPECIFIED appr 0.X ±0.3	2012/05/16 	ecn no - rel level Released
					surface linear	0.XX ±0.10 0.XXX ±0.05	RT RECT 36P + 32S GH POWER CARD EDGE D. Product	Customer Drw sheet 2 of 4
	Pro/E File - REV C - 2009-06-09	2	3	4	5	PDS: Rev :A	STATUS:Released	Printed: May 16, 2012

Pro/E File - REV C - 2009-06-09	1			
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			2		3	4	
		HPC	(TABLE 3)				
A	PART NUMBER	T A I L T Y P E	ORIENTATION KEY		DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS	
	IOI20850-00ILF SOLDER		YES		3.17 ± 0.25	1.59 - 2.38	
	10120850-002LF	SOLDER	NO		5.11 ± 0.25		
	IOI20850-003LF PRESS-FIT IOI20850-004LF PRESS-FIT		YES		3. 7±0.25	1.57	
			NO			MIN	

В

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NOTES:

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Pro/E File - REV C - 2009-06-09

I. 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.) HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER ARE

3

4

(9.) ALL HOLE SIZES ARE FINISHED HOLE SIZES.

- MOUNTING HOLES ARE UNPLATED ∅ 2.40 +/- 0.1 FOR PRESS-FIT TAILS ∅ 2.10 +/- 0.1 FOR SOLDER TAILS
- II. PRESS FIT APPLICATION TOOL DRAWING : 10119453.

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REAS.								E
	spec ref - tolerance std ISO 406 ISO 1101 TOLEF OTHERV	RANCES UNLESS VISE SPECIFIED 0.X ±0.3	eng Wei-Long Zhang 2 chr appr Pei-Ming Zheng 2	2012/04/20 2012/05/16 2012/05/16 2012/05/16 2 T	projection product family 36P + 32S	mm 	ecn no rel level Released rev	
	surface linear	0.XX ±0.10 0.XXX ±0.05 0° ±2°		H POWER CARD	EDGE	d w g		-
	5		: Rev :A		ATUS:Released		Printed: May 16, 2012	1