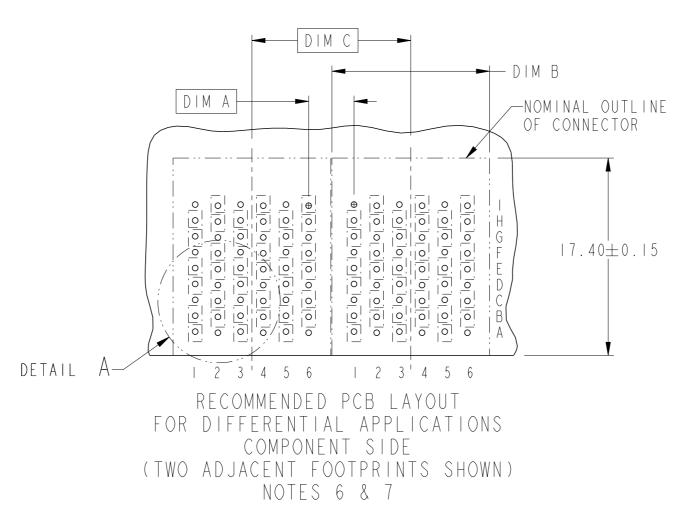
2

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$\smile$

	DESCRIPTION	DIM A	DIM B	DIM C
	2-14MM MODULES PLACED END-TO-END	4.00	I3.90 2X	14.00
А	I-I2MM MODULE & I-I4MM MODULE PLACED END-TO-END	3.00	.90  X &  3.90  X	13.00



spec ref				dr	Chen-Hong Tan		2006/10/02		р	rojec	tion		
tolerance std				eng	Yong-Keat Lim		2011/05/30			ф г	-1		
ASME YI4.5	I TULEH I OTHERV	OLERANCES UNLESS		OTHERWISE SPECIFI			-		-		1	<b>9</b> -L	
-				appr	Chen-Hong Tan		2011/05/30		prod	uct f	amily		
		0.X	±0.3	l C		ΦΛ	rMax	VC		ШΓ			
surface 3./2	linear	0.XX	±0. 0		Ċj	— A	IMAX	۷S	пла	ΠΕΙ	ADE		
$\vee$		0.XXX	$\pm 0.050$	1	Y	+ PR	ESS_FIT	, 54	POS,	4MM			
ASME YI4.5	angular	0°	±2°	www	.fci.com	cat. n	Ο.			-	F		
2						3		PDS: Rev					
Ĺ						$\sim$	/	-D3. Re	V.F				

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n	N/	М	size	scale	
	/	V	A 3	2:1	
	-		ecn no	ELX-S-00	3991-1
lу	Ai	rMax VS	rel level	Rele	ased
ER	ASSY	dwg no	100398	5	rev F
Pro	oduct -	Customer	Drw	sheet 2 of	5

	4
STATUS:Re	eleased

Printed: May 31, 2011

4

А

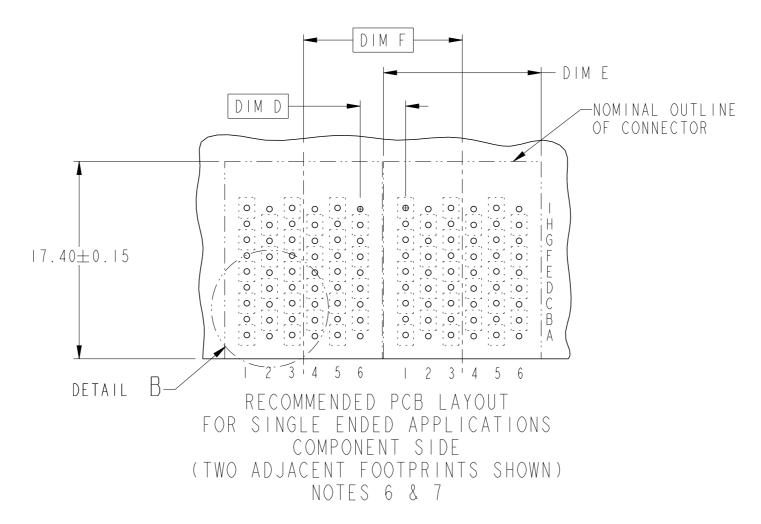
В

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2

3

	DESCRIPTION	DIM D	DIM E	DIM F
	2-14MM MODULES PLACED END-TO-END	4.00	13.90 2X	4.00
А	I-I2MM MODULE & I-I4MM MODULE PLACED END-TO-END	3.00	.90  X &  3.90  X	13.00



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																	1
													1				
spec ref				dr	Chen-Hong Tan	I	2006/10/02		proj	ection	L N	1M	size		scale		
tolerance std				eng	Yong-Keat Lim		2011/05/30		$\square$	$\square$	IV		A 3		2:1		
ASME YI4.5	I OLFH	RANCES U VISE SPE	JNLESS Cleied	chr	-		-						ecn no		ELX-S-003	991-1	
-		NUL UL		appr	Chen-Hong Tan		2011/05/30		product	family	A	irMax VS	rel level		Relea	ased	
		0.X	±0.3	C		۵ A :	n Mary	, NC			VCCV	0 L	•			rev	
surface 3./2	linear	0.XX	±0.10		Ċj	, Ai	r Max	V 3	R/A H	EADER	A331		100398	51			
		0.XXX	±0.050	1	Y	+ PRE	ESS_FI	T, 54	POS, I4	MM		d w b				F	
ASME YI4.5	angular	0°	±2°	www	fci.com	cat. n	٥.		-	Pr	oduct -	Customer	. Drw	sheet	3 of	5	
<u> </u>			1	•		ว			_								
6						3		PDS: Re	V:F		STATUS:R	eleased	Printe	ed: May	31, 201	1	

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2 3 А ANTIPAD WIDTH-2.0-(TRACE+SPACE+TRACE) TYP SEE NOTE 9-2.00 TYP  $\oplus$  0.10 ALL HOLES - 3.200 GND POSITION-ТҮР (0.|00) -2.000 ¢ of pos 2, 4, & 6 Ð ANTIPAD WIDTH= В I.40 8X 2.0-(TRACE+SPACE TYP detail A scale 4:1 2.100 — SEE NOTE ¢ OF POS I, 3, & 5 2.00 TYP ⊕ 0.10 ALL HOLE GND POSITION- $\oplus$  $\oplus$ Ð  $\oplus$ (0.|00) -⊕ ⊕ ... ⊕ . .⊕  $\oplus$  $\oplus$ ⊕ • •  $\oplus$  $\oplus$ Ð • • • Ð ΤΥΡ .40 8X С L<sub>2.000</sub> 2.100 C OF POS 1, 3, & 5 detail B scale 4:1 ¢OFPOS 2,4,& **[**] dr Chen-Hong Tan projection spec ref 2006/10/02 D 2011/05/30 tolerance std eng Yong-Keat Lim TOLERANCES UNLESS OTHERWISE SPECIFIED chr ASME YI4.5 -2011/05/30 product fami appr Chen-Hong Tan Ο.Χ ±0.3 FCi <u>ب</u> AirMax VS R/A HEAD ±0.10 surface 3./2 linear 0.XX Ľ

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2

ASME YI4.5 angular

±0.050

 $\pm 2^{\circ}$ 

www.fci.com cat. no.

3

0.XXX

0°

PRESS\_FIT, 54 POS, 14MM

PDS: Rev :F

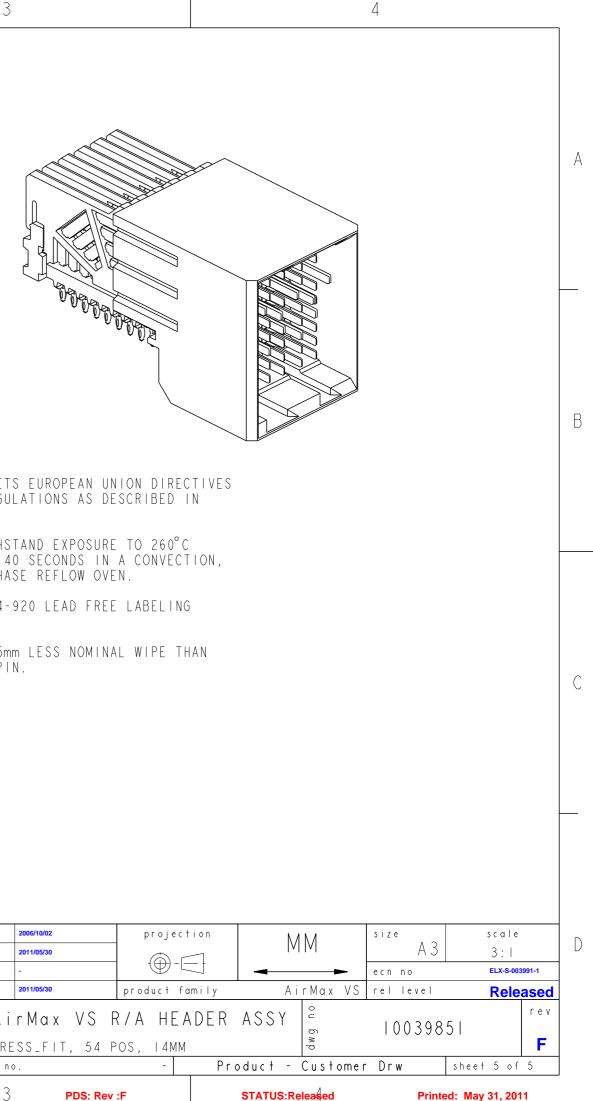
			А
+ T R A C E ) 9 0 S			В
800 P )S & 6			С
Der ASSY Product - Customer	size A 3 ecn no rel level I 0 0 3 9 8 Drw	scale 2:1 ELX-5-003991-1 Released 5  5  F sheet 4 of 5	D
STATUS:Released	Printe	ed: May 31, 2011	

2

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT			
10039851-101	TIN/LEAD ALLOY OVER NICKEL	NO			
10039851-101LF	TIN OVER NICKEL (LEAD FREE)	NO			
10039851-111	TIN/LEAD ALLOY OVER NICKEL	YES			
10039851-111LF	TIN OVER NICKEL (LEAD FREE)	(SEE NOTE 13)			

NOTES:

- CONNECTOR MATERIALS: HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0 IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0 CONTACT: COPPER ALLOY
- 2. CONTACT PLATING: SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-239 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
  - PRESS-FIT TAILS: SEE TABLE
- 3. PRODUCT SPECIFICATION: GS-12-239
- 4. APPLICATION SPECIFICATION: GS-20-035
- PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE (5.)
- 6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
- POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G (7. OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
- 8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
- (9.) REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.



- IO. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- II. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- 12. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- MATING PIN E4 HAS 0.5mm LESS NOMINAL WIPE THAN (13 THE SHORTEST SIGNAL PIN.

spec ref				dr	Chen-Hong Tan	l.	2006/10/02		pi	rojec	tion
tolerance std					Yong-Keat Lim		2011/05/30		/	÷	
ASME YI4.5	I TOLEH I OTHERV	DLERANCES UNLESS chr		-							
-				appr	Chen-Hong Tan	I.	2011/05/30		product fami		amily
		0.X	±0.3	E		۰ ۸ :	rMax VS		) / A	ЦΓ	VDE
surface 3./2	linear	linear O.XX 🛓	±0.10		Çj	A   		) (	A / A	ПС	ADE
$\vee$		0.XXX	$\pm$ 0.050		Y	+ PRE	SS_FIT, 5	4 P	OS,	4MN	1
ASME YI4.5	angular	0°	±2°	www.	fci.com	cat.no	ο.			-	
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