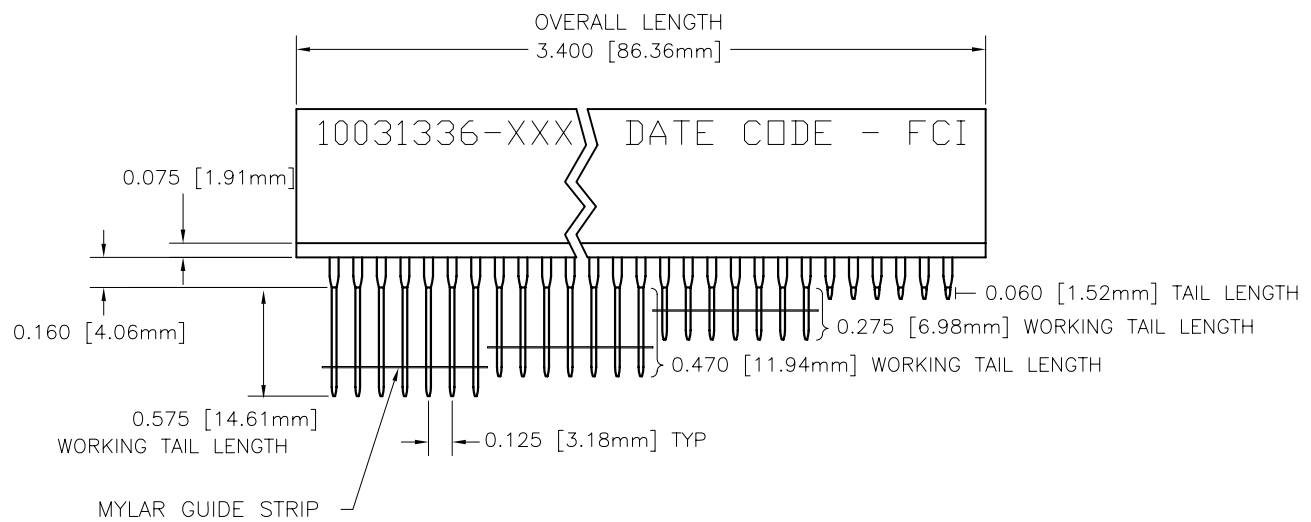
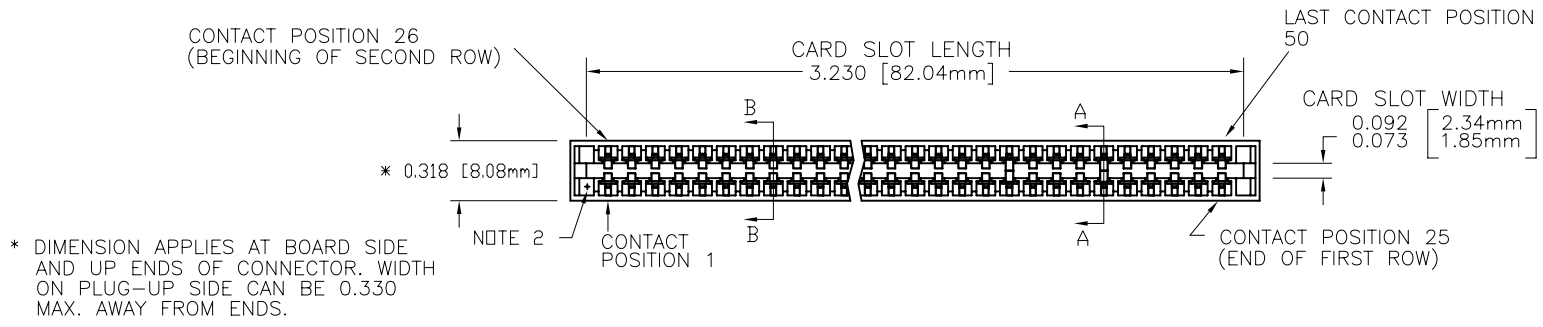


PRODUCT NUMBER
SEE TABLE

PRESS-FIT CONTACTS ON .125" CENTERS



mat'l. code SEE NOTE 1				surface	tolerance	projection	product family
ltr	ec'n no	dr	date		tolerances unless otherwise specified		FASTECH
H	v07-0314	HTB	2007-04-23	angles	linear	INCH/MM	title
J	v07-0537	HTB	2007-08-10			scale 1:1	SINGLE DENSITY SPECIAL EDGE CARD CONNECTOR
-	-	-	-	0°±2°			dwg no
D	v04-0360	HTB	2004-04-15	dr	J.R. VOLSTORF	2003-07-14	sheet 1 of 6
E	v05-0071	HTB	2005-01-26	engr	J.R. VOLSTORF	2003-07-14	size
F	v06-0372	HTB	2006-04-13	chr	J.R. VOLSTORF	2003-07-14	10031336
G	v06-0803	HTB	2006-08-24	appd	J.R. VOLSTORF	2003-07-14	A3
sheet	revision	J	J	J	J	J	type
index	sheet	1	2	3	4	5	Product Customer Drawing

PRODUCT NUMBER
SEE TABLE

SINGLE DENSITY EDGE CARD TECHNICAL DATA

CONNECTOR INSTALLATION FORCE: 30 LBS/CONTACT TYPICAL, 65 LBS MAX.
 CONNECTOR RETENTION FORCE: 10 LBS/CONTACT MINIMUM
 CIRCUIT CARD INSERTION FORCE: EARLY AND LATE MAKE CONTACT - 0.5 LBS/CONTACT TYPICAL
 SHORTING CONTACT - 1 LB/CONTACT TYPICAL

DURABILITY: 200 CYCLES.
 LONG TERM OPERATING TEMPERATURE: -55 to 80 C.
 SHORT TERM OPERATING TEMPERATURE: -55 to 95 C.
 WITHSTANDING VOLTAGE: 1500VAC RMS

PLATING:
 CONTACT AREA: SEE TABLE, SHEET 2
 UNDERPLATE: 100μ" Ni (MIN.)
 TAIL PLATING: SEE TABLE, SHEET 2

CONTACT NORMAL FORCE: 100 GRAMS MINIMUM.
 CONTACT RESISTANCE: 9 MILLIOHMS TYPICAL.
 MAX CONTACT CURRENT: 1.0 AMPS PER CONTACT.

NOTES:

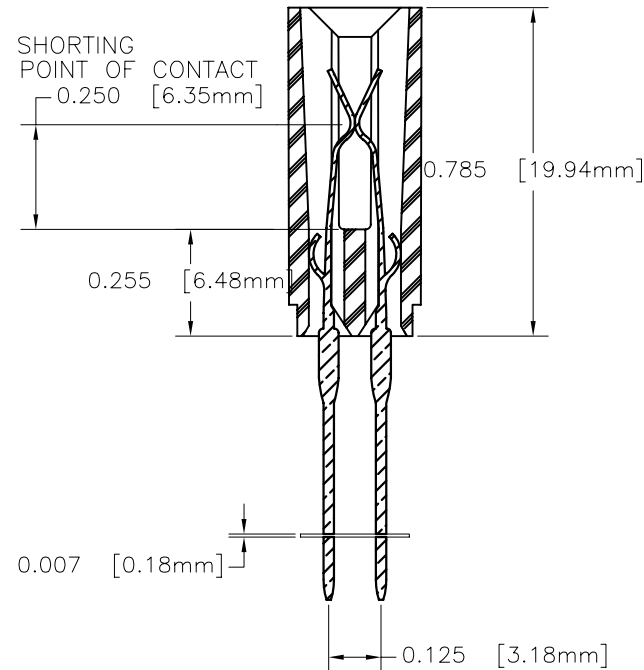
1. INSULATOR MATERIAL: PPA, GLASS FILLED THERMOPLASTIC, FLAME RETARDANT PER UL94 V-0, COLOR: BLACK
 CONTACT MATERIAL: C72500 COPPER ALLOY
2. INDICATES PARTS WILL HAVE A + SYMBOL PRINTED IN THIS LOCATION.
3. PART NUMBERS WITH AN LF SUFFIX MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

mat'l. code SEE NOTE 1				surface <input checked="" type="checkbox"/>		tolerance		projection		product family FASTECH	
ltr	ecn no	dr	date	tolerances unless otherwise specified						title	
J				angles	linear	.XX±.01/.X±.3		INCH/MM		SINGLE DENSITY SPECIAL EDGE CARD CONNECTOR	
						.XXX±.005/.XX±.13					
				0°±2°		.XXXX±.0020/.XXX±.051		scale 1:1			
				dr	J.R. VOLSTORF	2003-07-14				dwg no	
				engr	J.R. VOLSTORF	2003-07-14				sheet 2 of 6	
				chr	J.R. VOLSTORF	2003-07-14				size	
				appd	J.R. VOLSTORF	2003-07-14				A3	
sheet		revision									
index		sheet									

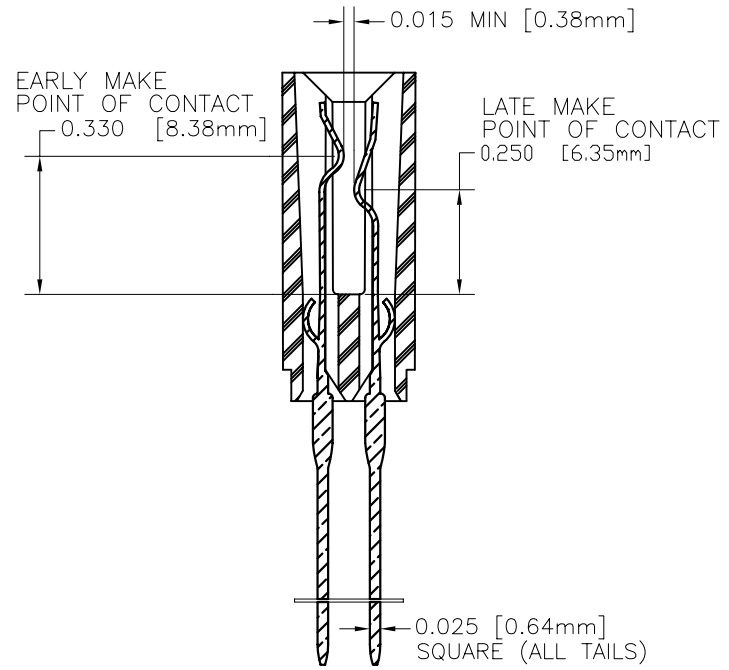
PART NUMBER NOTE 3	SIZE	1 EARLY	SHORTING	TAIL LENGTH	CONTACT PLATING	TAIL PLATING	EARLY MAKE POSITIONS	LATE MAKE POSITIONS	SHORTING POSITIONS	SPECIAL MARKING	FCI INSERTION TOOL
10031336-001	50	50	-	.060/1.52	75μ [1.91μm] Au	SnPb	1-50	-	-	-	413697-001
10031336-001LF	50	50	-	.060/1.52	75μ [1.91μm] Au	TIN	1-50	-	-	-	413697-001
10031336-002 D I S C O N T I N U E D											
10031336-003	50	34	16	.060/1.52	75μ [1.91μm] Au	SnPb	1-4, 13-29, 38-50	-	5-12, 30-37	NOTE 2	413697-001
10031336-003LF	50	34	16	.060/1.52	75μ [1.91μm] Au	TIN	1-4, 13-29, 38-50	-	5-12, 30-37	NOTE 2	413697-001
10031336-004LF	50	50	-	.060/1.52	30μ [0.76μm] Au	TIN	1-50	-	-	-	413697-001
10031336-005LF	50	34	16	.060/1.52	30μ [0.76μm] Au	TIN	1-4, 13-29, 38-50	-	5-12, 30-37	NOTE 2	413697-001
10031336-006	50	50	-	.060/1.52	30μ [0.76μm] GXT	SnPb	1-50	-	-	-	413697-001
10031336-006LF	50	50	-	.060/1.52	30μ [0.76μm] GXT	TIN	1-50	-	-	-	413697-001
10031336-007	50	34	16	.060/1.52	30μ [0.76μm] GXT	SnPb	1-4, 13-29, 38-50	-	5-12, 30-37	NOTE 2	413697-001
10031336-007LF	50	34	16	.060/1.52	30μ [0.76μm] GXT	TIN	1-4, 13-29, 38-50	-	5-12, 30-37	NOTE 2	413697-001

mat'l. code SEE NOTE 1				surface <input checked="" type="checkbox"/>		tolerance		projection		product family FASTECH	
ltr	ec'n no	dr	date	tolerances unless otherwise specified						title	
J				angles	linear	.XX±.01/XX±.3		INCH/MM		SINGLE DENSITY SPECIAL EDGE CARD CONNECTOR	
				0°±2°		.XXX±.005/XXX±.13		scale 1:1		sheet 3 of 6	
				dr	J.R. VOLSTORF	2003-07-14				dwg no 10031336	
				engr	J.R. VOLSTORF	2003-07-14				size A3	
				chr	J.R. VOLSTORF	2003-07-14				type Product Customer Drawing	
				appd	J.R. VOLSTORF	2003-07-14					
sheet index	revision	sheet									



PRODUCT NUMBER
SEE TABLE



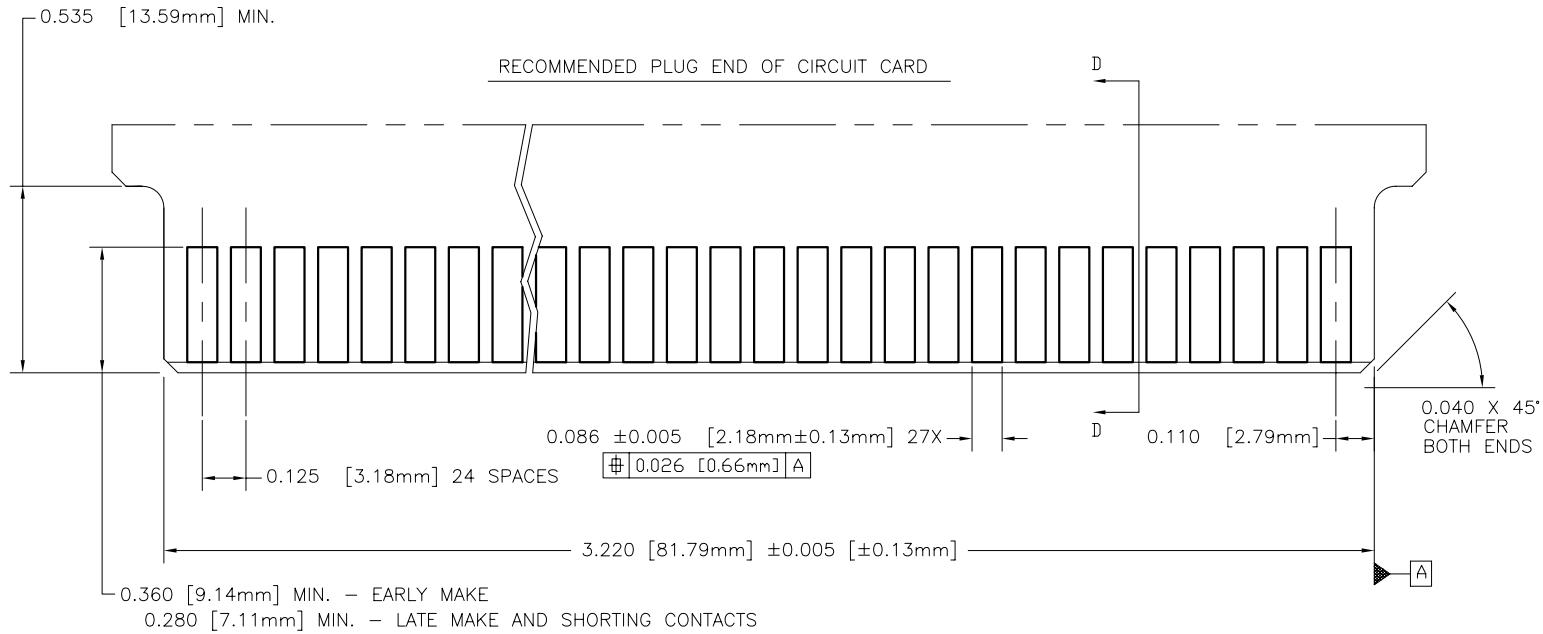
SHORTING CONTACTS
SECTION A-A



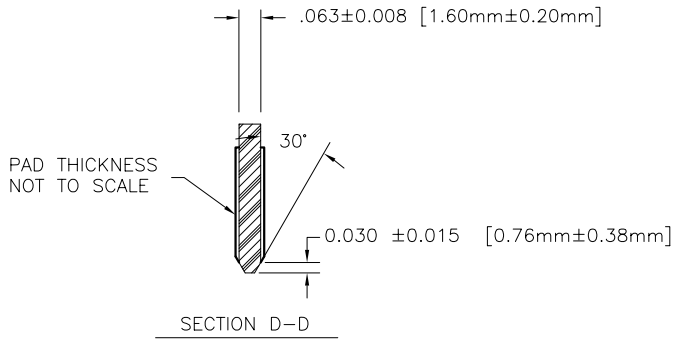
EARLY AND LATE MAKE CONTACTS
SECTION B-B

mat'l. code SEE NOTE 1				surface ✓		tolerance		projection 		product family FASTECH											
ltr		ecm no		dr		date		tolerances unless otherwise specified				title									
J								angles		linear <div>XX±01/XX±3</div> <div>XXX±005/XXX±13</div> <div>XXXX±0020/XXX±051</div>		INCH/MM scale 1:1		SINGLE DENSITY SPECIAL EDGE CARD CONNECTOR							
						0°±2'															
								dr		J.R. VOLSTORF		2003-07-14				dwg no		sheet 4 of 6		size	
								engr		J.R. VOLSTORF		2003-07-14				10031336		A3			
								chr		J.R. VOLSTORF		2003-07-14									
								appd		J.R. VOLSTORF		2003-07-14		type		Product		Customer		Drawing	
sheet		revision																			
index		sheet																			

PRODUCT NUMBER
SEE TABLE



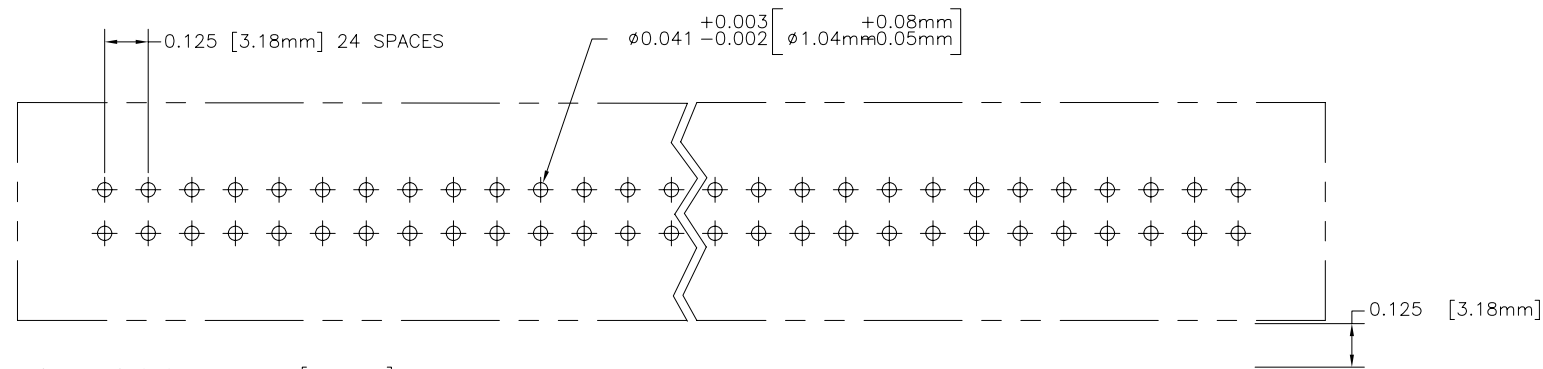
RECOMMENDED CIRCUIT CARD PLATING: 25u" (MIN.) COBALT HARDENED GOLD OVER 200u" (MIN.) NICKEL.



mat'l. code SEE NOTE 1	surface ✓	tolerance	projection ⌀	product family FASTECH
ltr J	ecm no	dr date	tolerances unless otherwise specified	title SINGLE DENSITY SPECIAL EDGE CARD CONNECTOR
			linear XX+01/XX+3 XXX+005/XX+13 XXXX+0020/XX+051	INCH/MM scale 1:1
			angles 0°±2°	dwg no 10031336
			dr J.R. VOLSTORF 2003-07-14	sheet 5 of 6 size A3
			engr J.R. VOLSTORF 2003-07-14	
			chr J.R. VOLSTORF 2003-07-14	
			appd J.R. VOLSTORF 2003-07-14	
sheet index	revision sheet			type Product Customer Drawing

PRODUCT NUMBER
SEE TABLE

RECOMMENDED BACKPLANE HOLE LAYOUT



RECOMMENDED DRILL: .0465 [1.18mm]
BACKPLANE THICKNESS: .086 [2.18mm] MINIMUM.

mat'l. code SEE NOTE 1				surface	✓	tolerance	projection	product family FASTECH	
ltr	ecm no	dr	date	tolerances unless otherwise specified			 INCH/MM scale 1:1	title	
J				angles	linear	.XX±.01/.X±.3		SINGLE DENSITY SPECIAL EDGE CARD CONNECTOR	
						.XXX±.005/.XX±.13			
				0°±2°		.XXXX±.0020/.XXX±.051			
				dr	J.R. VOLSTORF	2003-07-14		dwg no	sheet 6 of 6
				engr	J.R. VOLSTORF	2003-07-14		10031336	size A3
				chr	J.R. VOLSTORF	2003-07-14		type Product Customer Drawing	
				appd	J.R. VOLSTORF	2003-07-14			
sheet index	revision sheet								