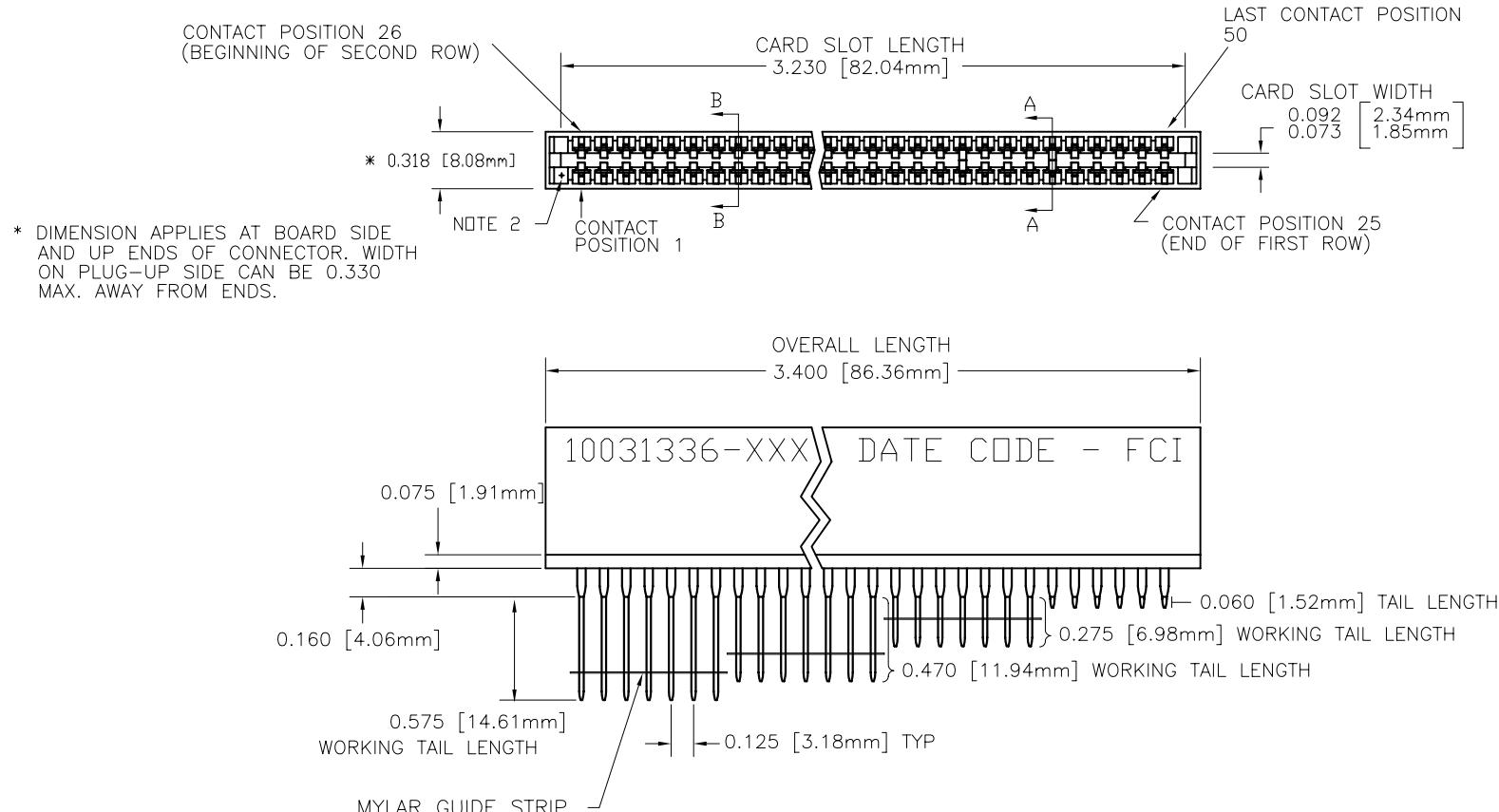


PRODUCT NUMBER
SEE TABLE

PRESS-FIT CONTACTS ON .125" CENTERS



matl. code SEE NOTE 1				surface		tolerance		projection	product family
ltr ecn no dr date				tolerances unless otherwise specified					
H	V07-0314	HTB	2007-04-23	angles	linear	XX*01/X*3 XXX*005/XX*13 XXX*0020/XXX*05	XX*01/X*3 XXX*005/XX*13 XXX*0020/XXX*05	INCH/MM	
J	V07-0537	HTB	2007-08-10			0°±2°		scale 1:1	
D	V04-0360	HTB	2004-04-15	dr	J.R. VOLSTORF	2003-07-14			
E	V05-0071	HTB	2005-01-26	engr	J.R. VOLSTORF	2003-07-14			
F	V06-0372	HTB	2006-04-13	chr	J.R. VOLSTORF	2003-07-14			
G	V06-0803	HTB	2006-08-24	appd	J.R. VOLSTORF	2003-07-14			
sheet	revision	J	J	J	J	J			
index	sheet	1	2	3	4	5	6		

form A3

1

2

3

4

5

6

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: EARY 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: 100 μ 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		tolerance		projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified					
J				angles	linear	XX*01/X*3	XXX*005/XX*13	INCH/MM	
						0*2*	XXX*0020/XXX*05	scale 1:1	
						dr	J.R. VOLSTORF 2003-07-14		
						engr	J.R. VOLSTORF 2003-07-14		
						chr	J.R. VOLSTORF 2003-07-14		
						appd	J.R. VOLSTORF 2003-07-14		
				sheet	revision				
				index	sheet				

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

matl. code SEE NOTE 1				surface		tolerance		projection	product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified					FASTECH	
J				angles	linear	XX*01/X*3 XXX*005/XX*13 XXXX*0020/XXXX*05		INCH/MM	title	
				0°±2°				scale 1:1	SINGLE DENSITY SPECIAL EDGE CARD CONNECTOR	
						dr J.R. VOLSTORF 2003-07-14 engr J.R. VOLSTORF 2003-07-14 chr J.R. VOLSTORF 2003-07-14 appd J.R. VOLSTORF 2003-07-14			dwg no sheet 3 of 6 size	
									10031336 A3	
						sheet index	revision sheet		type Product Customer Drawing	

PRODUCT NUMBER
SEE TABLE

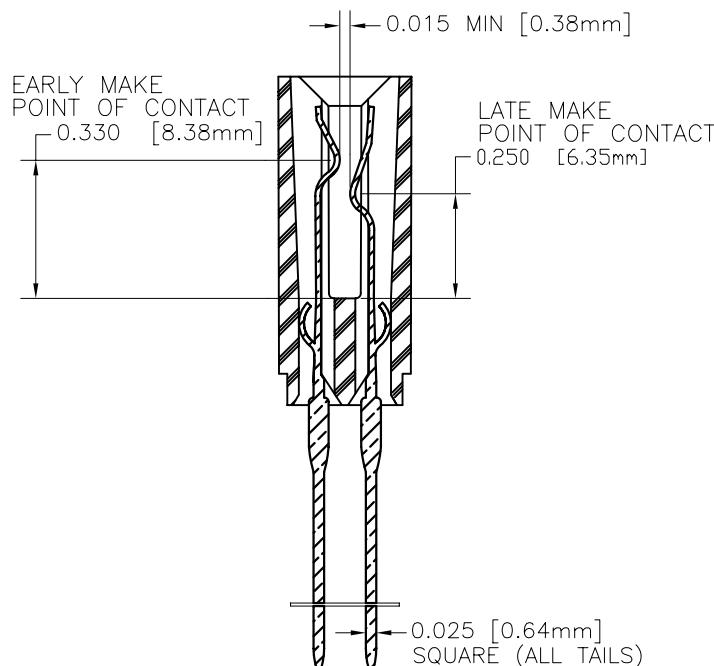
Technical cross-sectional diagram of a connector component. The diagram shows a central vertical axis with various dimensions labeled:

- Top dimension: SHORTING POINT OF CONTACT 0.250 [6.35mm]
- Middle dimension: 0.255 [6.48mm]
- Bottom dimension: 0.007 [0.18mm]
- Right side dimension: 0.785 [19.94mm]
- Bottom right dimension: 0.125 [3.18mm]

The diagram illustrates the internal structure of the connector, including the central contact area and the surrounding insulation and housing components.

SHORTING CONTACTS

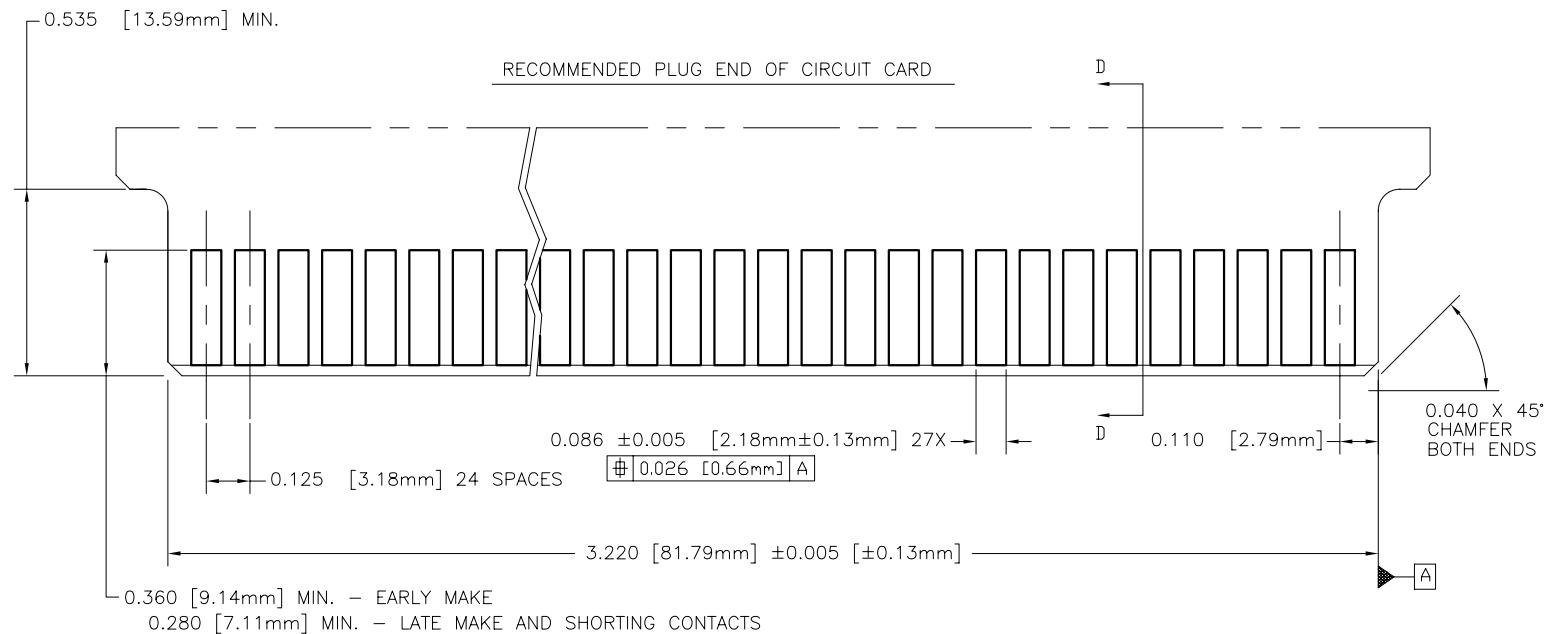
SECTION A-A



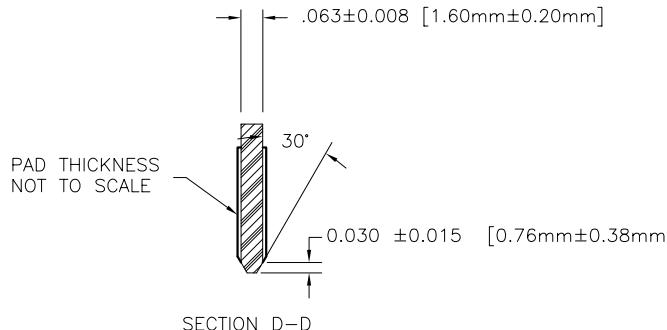
EARLY AND LATE MAKE CONTACTS
SECTION B-B

PRODUCT NUMBER
SEE TABLE

1 | 2 | 3 | 4 | 5 | 6



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



matl. code SEE NOTE 1				surface		tolerance	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified				title
J				angles	linear	XX*01/X*3 XXX*005/XX*13 XXXX*0020/XX*051	INCH/MM	FASTECH
				0° ± 2°			scale 1:1	SINGLE DENSITY SPECIAL EDGE CARD CONNECTOR
				dr	J.R. VOLSTORF	2003-07-14		
				engr	J.R. VOLSTORF	2003-07-14		
				chr	J.R. VOLSTORF	2003-07-14		
				appd	J.R. VOLSTORF	2003-07-14		
				sheet	revision			
				index	sheet			

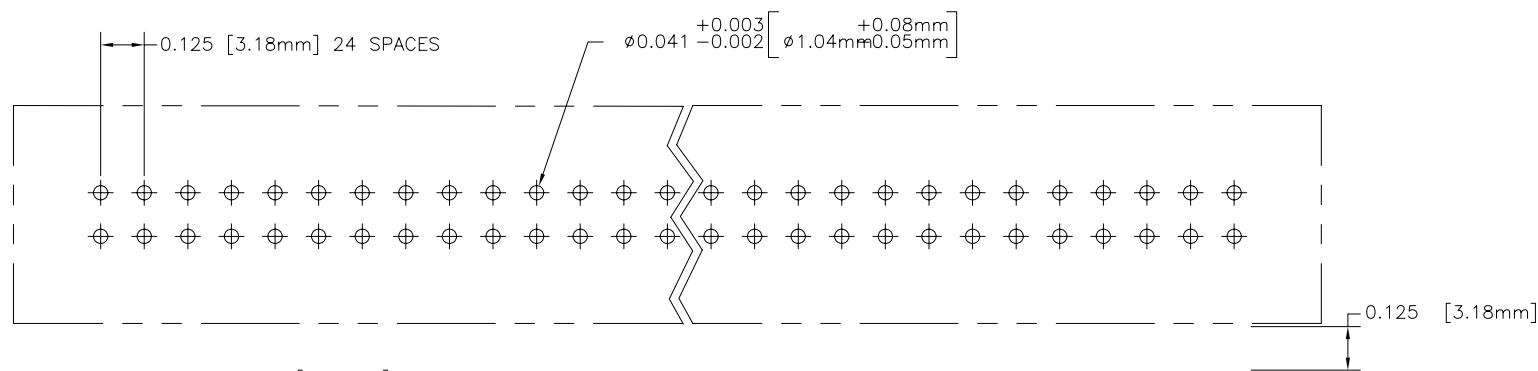
form A3

1 | 2 | 3 | 4 | 5 | 6

PRODUCT NUMBER
SEE TABLE

1 | 2 | 3 | 4 | 5 | 6

RECOMMENDED BACKPLANE HOLE LAYOUT



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

matl. code SEE NOTE 1				surface		tolerance		projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified					
J				angles	linear	XX±.01/X±.3	XXX±.005/XXX±.3	INCH/MM	
						0°±2°	XXXX±.0020/XXXX±.05	scale 1:1	
						dr	J.R. VOLSTORF 2003-07-14		
						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							

form A3

1 | 2 | 3 | 4 | 5 | 6