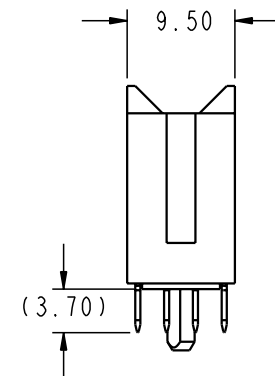
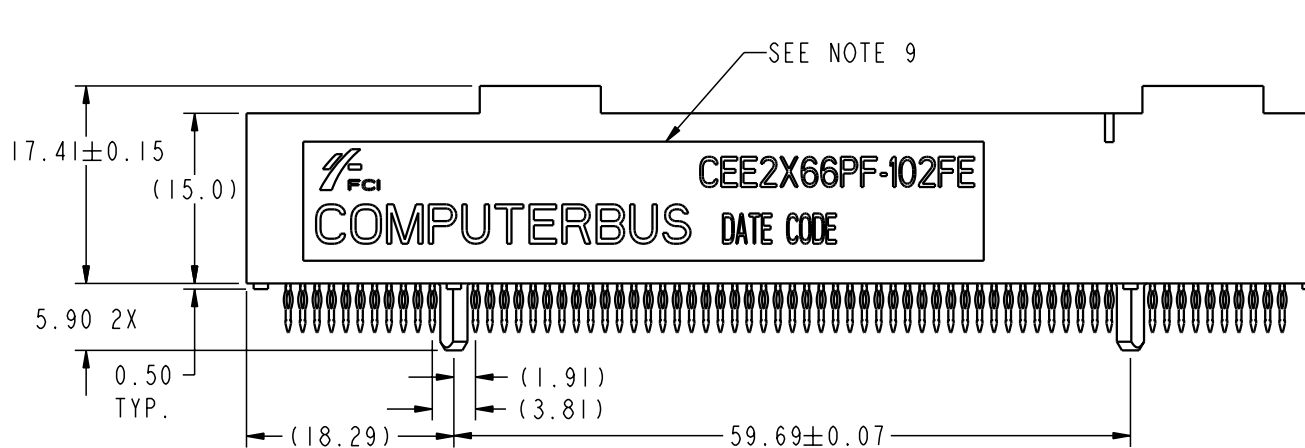
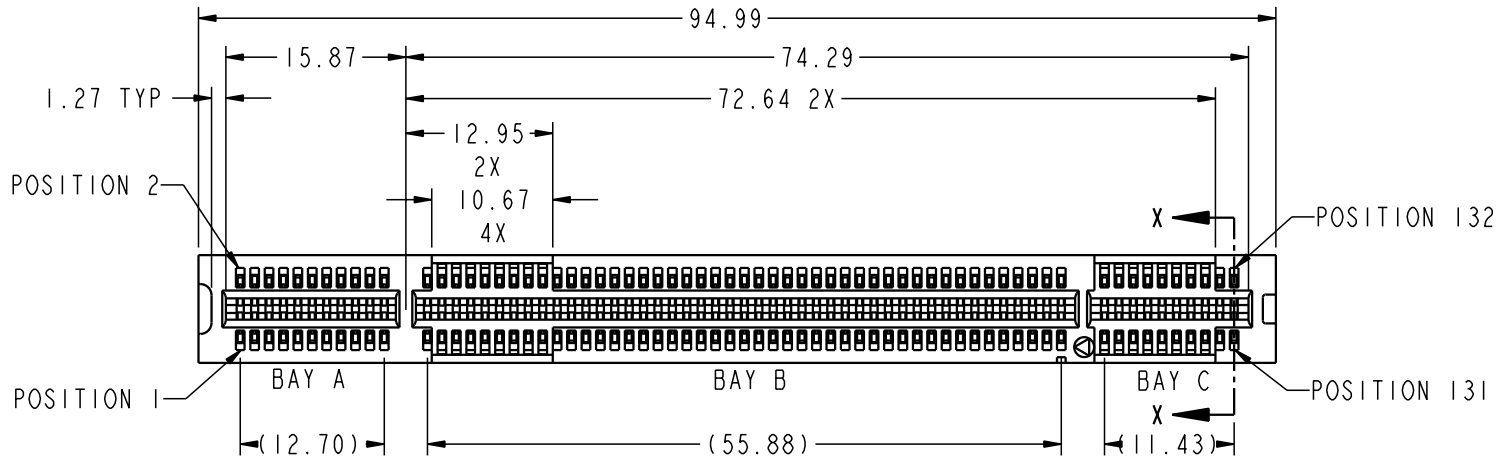


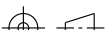
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PRODUCT NUMBER
SEE TABLE



mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER				 ELECTRONICS www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ± 0.2				COPY					title CEE2X--PF CONNECTOR ASSEMBLIES					
E	V95900	CWK	3/28/99		0.XX ± 0.10				projection										
F	V00805	CWK	3/28/99		0.XXX ± 0.050														
G	V11759	MEP	7/2/01	angles	0° ± 1°								product family CARDEGE				code		
H	V12247	GIP	9/20/01		dr G.PETERS 9/20/01				scale				size		dwg no				
					enrg D.CASEY 9/11/01				3:2				A		SE 94584				
					chr G.PETERS 9/20/01										213				
					appd D.CASEY 9/20/01										sheet 1 of 8				
sheet	revision	H	H	H	H	H	H	H	H	H	H								
index	sheet	1	2	3	4	5	6	7	8										

Pro/E

PDM: Rev:H

STATUS: Released

Printed: Dec 10, 2003

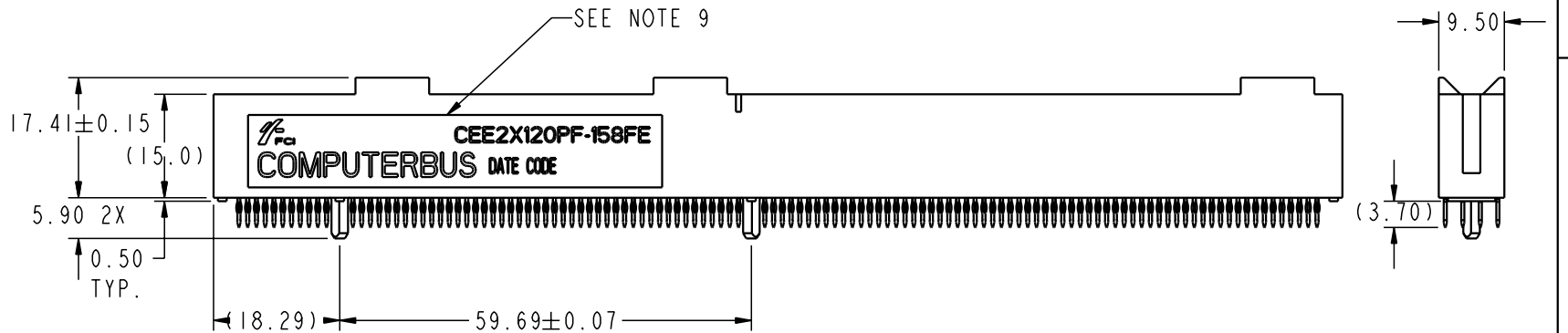
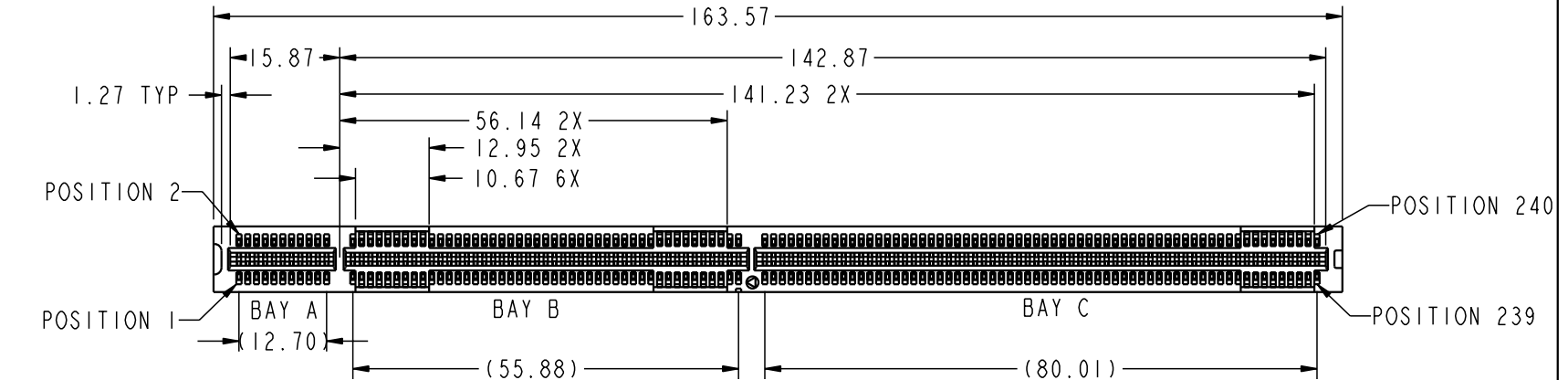
cage code 22526

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PRODUCT NUMBER
SEE TABLE



mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI ELECTRONICS	
ltr	ecr no.	dr	date					COPY		www.fciconnect.com	
H				linear		0.X ± 0.2		projection		title	CEE2X---PF
						0.XX ± 0.10				CONNECTOR ASSEMBLIES	
				angles		0.XXX ± 0.050				product family	CARDEDGE
				dr	G.PETERS	9/20/01		MM		code	213
				enrg	D.CASEY	9/11/01				size	2
				chr	G.PETERS	9/20/01				dwg no	SE 94584
				appd	D.CASEY	9/20/01		scale	3:2		
sheet index	revision sheet									cage code	22526

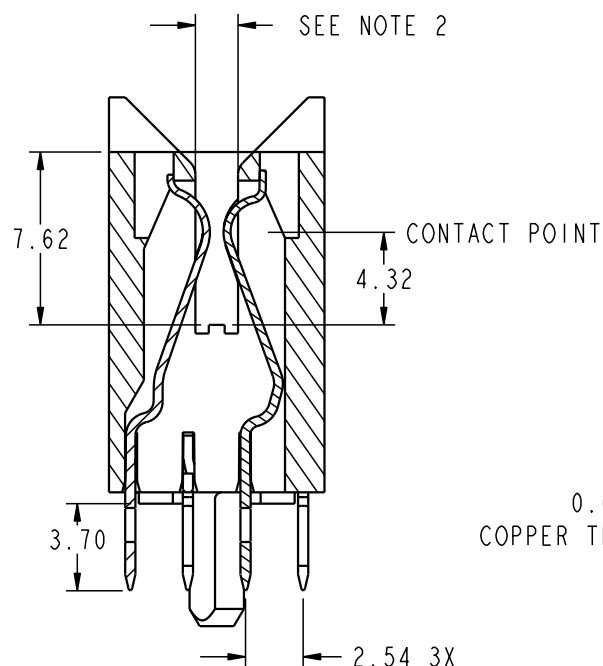
Pro/E

PDM: Rev:H

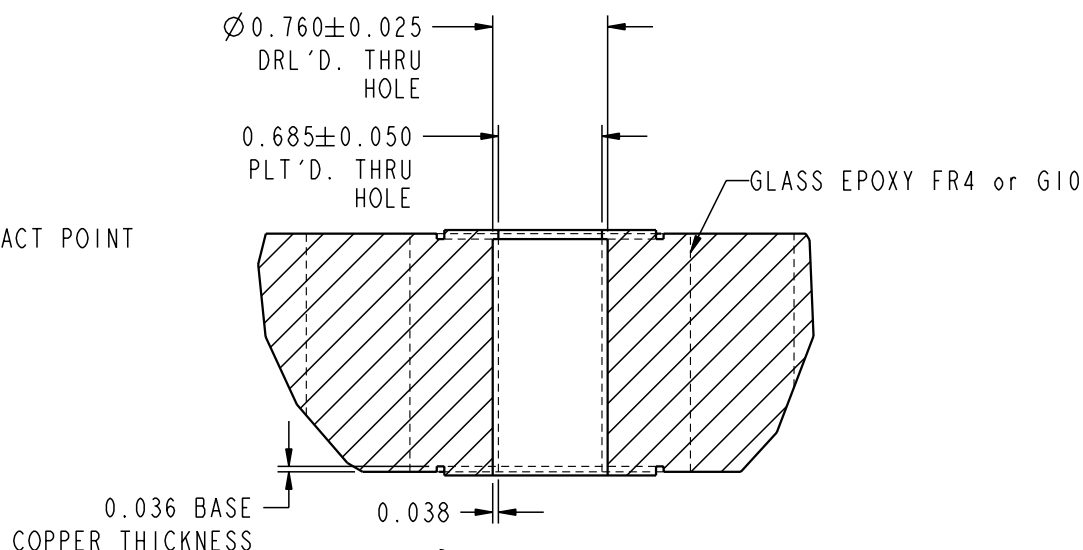
STATUS: Released

Printed: Dec 10, 2003

FCI CATALOG NO. f/CONNECTORS w/CARD COLLECTORS	CONNECTOR SIZE	NO. CONTACTS LOADED	TERMIN.	LOAD PATTERN	CONTACT PAIRS BAY A	CONTACT PAIRS BAY B	CONTACT PAIRS BAY C
CEE2X66PF-102FE	2x66	132	P.F.	FULLY LOADED	11	45	10
CEE2X120PF-158FE	2x120	240	P.F.	FULLY LOADED	11	45	64



SECTION X-X



RECOMMENDED PLATED THRU HOLE DIMENSIONS
FOR COMPLIANT PRESS PINS

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI ELECTRONICS	
ltr	ecr no.	dr	date					COPY		www.fciconnect.com	
H				linear		0.X ±0.2		projection		title	CEE2X---PF
						0.XX ±0.10				CONNECTOR ASSEMBLIES	
				angles		0.XXX ±0.050				product family	CARDEGE
				dr	G.PETERS	9/20/01		MM		code	213
				enr	D.CASEY	9/11/01				size	3
				chr	G.PETERS	9/20/01				dwg no	SE94584
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sheet	revision										
index	sheet										

Pro/E

cage code 22526

PDM: Rev:H

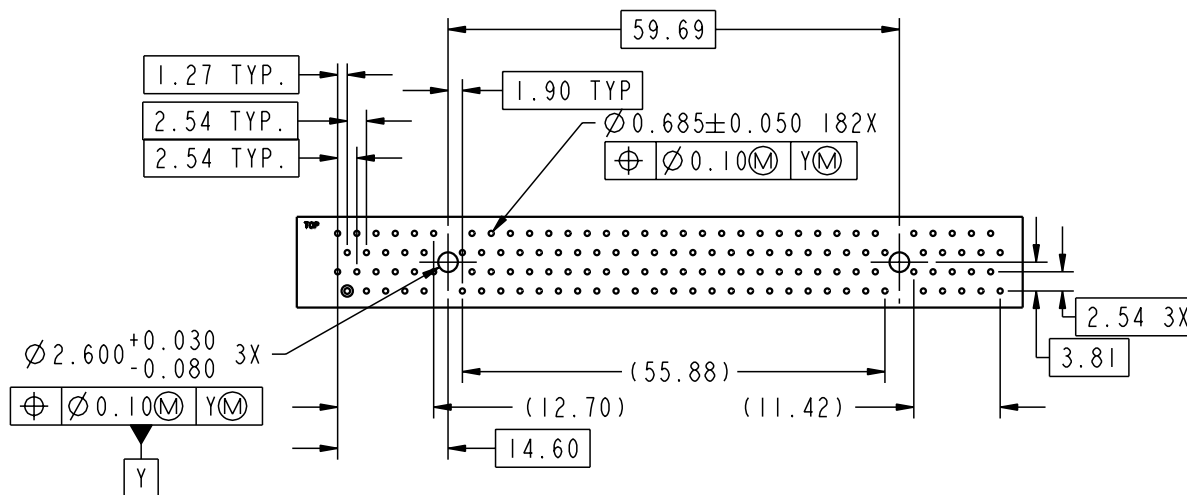
STATUS: Released

Printed: Dec 10, 2003

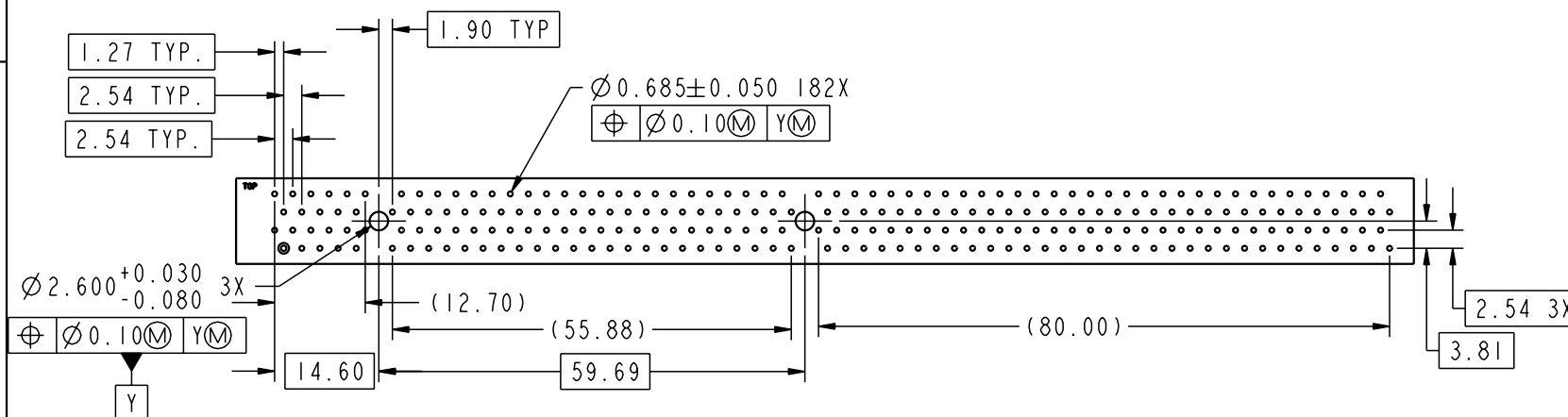


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PRODUCT NUMBER
SEE TABLE



RECOMMEND BACKPLANE LAYOUT f/CEE2X66PF-102FE



RECOMMENDED BACKPLANE LAYOUT f/CEE2X120PF-158FE

[illegible]

Pro/E

cage code	22526
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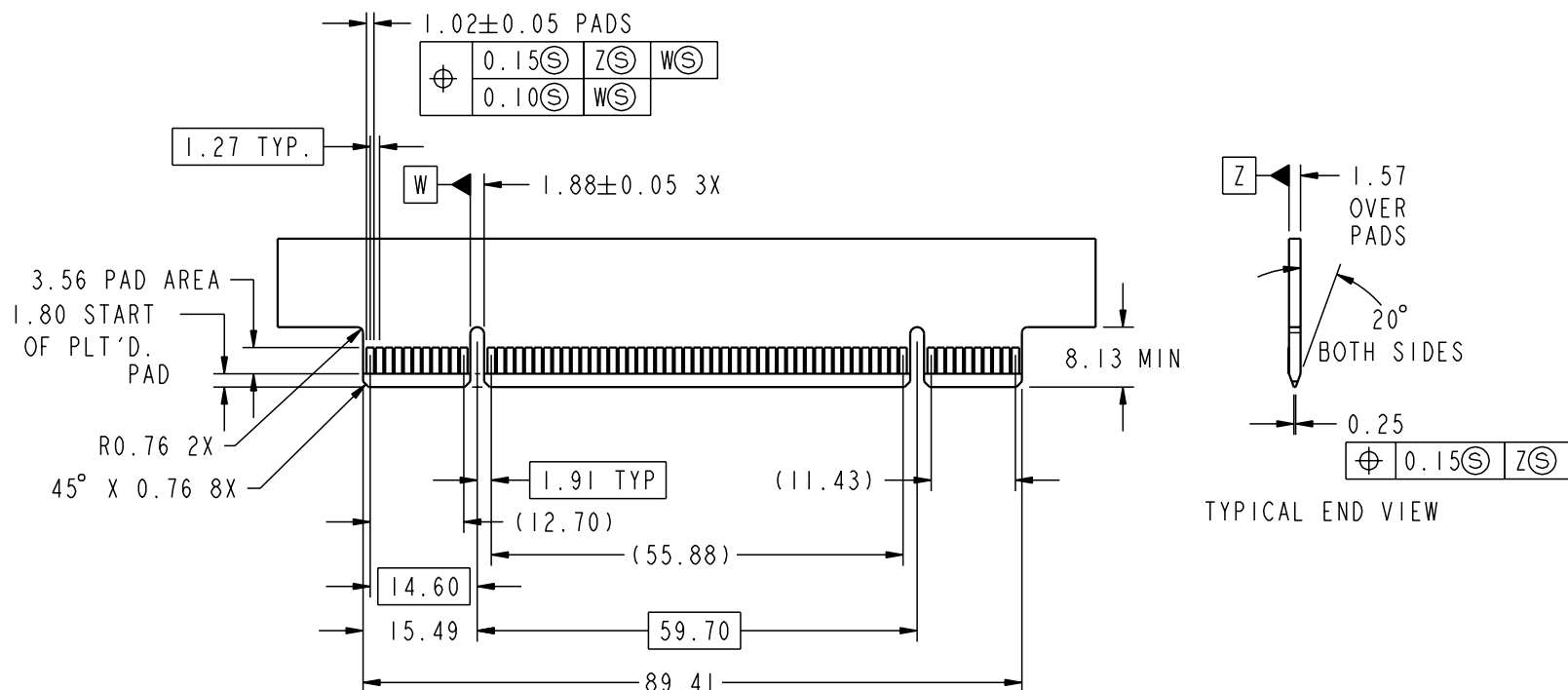
PDM: Rev:H

STATUS: **Released**

Printed: Dec 10, 2003



PRODUCT NUMBER
SEE TABLE



RECOMMENDED BACK PLANE LAYOUT FOR CEE2X66PF-102FE

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI ELECTRONICS	
lfr	ecr no.	dr	date					COPY		www.fciconnect.com	
H				linear		0.X ±0.2		projection		title	CEE2X---PF
						0.XX ±0.10				CONNECTOR ASSEMBLIES	
				angles		0.XXX ±0.050				product family	CARDEDGE
				dr	G.PETERS	9/20/01		MM		code	213
				enr	D.CASEY	9/11/01				size	5
				chr	G.PETERS	9/20/01				dwg no	SE94584
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sheet index	revision sheet									cage code	22526

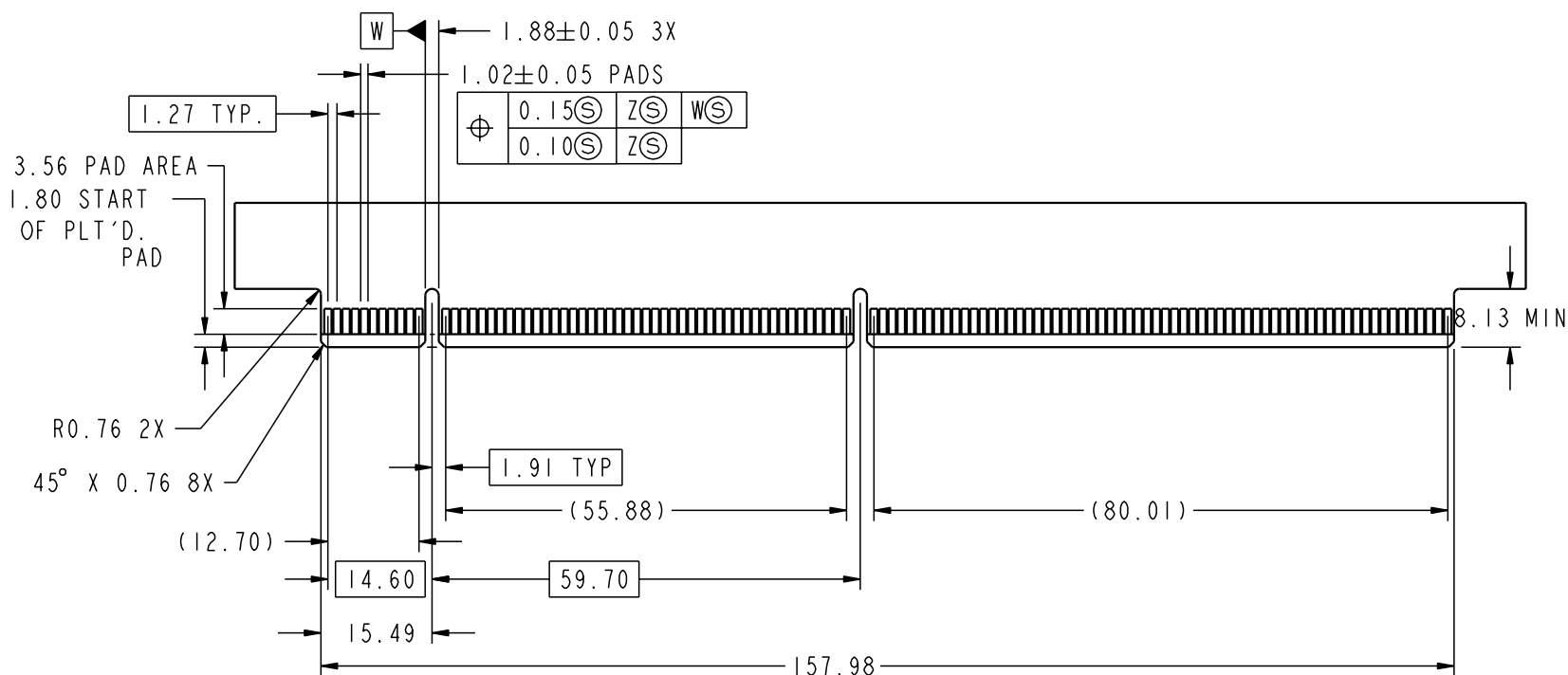
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PDM: Rev:H

STATUS: Released

Printed: Dec 10, 2003

PRODUCT NUMBER
SEE TABLE



RECOMMENDED BACK PLANE LAYOUT FOR CEE2X120PF-158FE

[illegible]

Pro/E

cage code	22526
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1 | 2

3 |

4

PRODUCT NUMBER
SEE TABLE

NOTES:

1. INTERPRET THIS DRAWING IN ACOCRDANCE WITH ANSI Y14.5M -1982.
2. CONNECTORS WITH CARD COLLECTING SCOOPS ARE DESIGNED TO ACCOMMODATE 1.57+/- .180 PC BOARDS WITH WARPAGE UP TO +/-2.03.
3. RECOMMENDED COMPONENT BOARD MATERIAL:
P.C. BOARD:FR-4 WITH 28.35 GRAMS MIN. COPPER, PADS PLATED WITH .76 MICRONS MIN GOLD, PER MIL-G-45204, TYPE I, CLASS I, GRADE C OVER 2.54 MICRONS MIN NI. UNDERPLATE PER QQ-N-290.
4. RECOMMENDED BACK PLANE THICKNESS IS 2.39 FOR 3.7I COMPLIANTTAIL.
5. CONTACT MATING SURFACES ARE LUBRICATED WITH OS-138.
6. MATERIAL:
BODY: POLYPHENYLENE SULFIDE(PPS) UL RATED 94V-0
COLOR, BROWN

CONTACTS: PHOS BRONZE, PER FCI SPEC. M738

CONTACT FINISH: FE 0.75 MICRONS MIN GOLD IN CONTACT
AREA 1-3 MICRONS MIN TIN LEAD ON SOLDER TAILS
2 MICRONS MIN NI UNDERPLATE ALL OVER.
7. PERFORMANCE CHARACTERISTICS: SEE SHEET 7.
8. APPLICATION SPECIFICATION PER BUS-09-026.
9. ITEM NAME, LOGO, PART NUMBER, DATE CODE, AND UL SYMBOLS TO APPEAR IN THIS AREA.

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		ELECTRONICS www.fciconnect.com	
lfr	ecn no.	dr	date					COPY		title CEE2X---PF CONNECTOR ASSEMBLIES	
H				linear		0.X ±0.2		projection			
						0.XX ±0.10					
				angles		0.XXX ±0.050				product family CARDEGE	
						0° ±1°					
				dr	G.PETERS	9/20/01		MM			
				enr	D.CASEY	9/11/01				code	213
				chr	G.PETERS	9/20/01				size	dwg no
				appd	D.CASEY	9/20/01		scale	1:2	A	SE94584
sheet index	revision sheet										sheet
											7

1 | 2

Pro/E

3 |

cage code
22526

4



PRODUCT NUMBER
SEE TABLE

PERFORMANCE CHARACTERISTICS:

ENVIRONMENTAL:

OPERATING TEMPERATURE: -40C TO 105C

THERMAL SHOCK: MIL-STD-1344, METHOD 1003.1)-55C TO +85C, 5 CYCLES)

FLAMABILITY RATING: UL94V-0

MECHANICAL:

DURABILITY: 100 MATING CYCLES WITHOUT PHYSICAL DAMAGE, OR EXCEEDING LOW LEVEL CONTACT RESISTANCE REQUIREMENTS WHEN MATED WITH RECOMMENDED CARD.

CONTACT RETENTION: MIL-STD-1344, METHOD 2007.1, 4.4 N MIN.

MATING FORCE: MIL-STD-1344, METHOD 2013.1 2.0 N MAX. AVERAGE PER OPPOSING PAIR USING GAUGE PER MIL-STD-C-21097 WITH CARD PROFILE

CONTACT NORMAL FORCE: 0.72 N MINIMUM

PRESS FIT TERMINATION FORCES: INSERTION FORCE 70 N MAX. PER PIN
RETENTION FORCE 9 N MIN. PER PIN

ELECTRICAL:

CONTACT RESISTANCE: MIL-STD-1344, METHOD 3002-1, WITH 10 MILLIOHM MAX. INITIAL, 20 (LOW SIGNAL LEVEL) MILLIOHM RISE. COMPONENT BOARD SIDE - 1 MILLIOHM MAX., CONNECTION PRESS FIT PIN WITH w/PLATED THROUGH HOLE.

INSULATION RESISTANCE: MIL-STD-202, METHOD 302, CONDITION B, 1000 MEGAOHMS MIN.

DIELECTRIC WITHSTAND VOLTAGE: MIL-STD-1344, METHOD D3001.1 CONDITION 1, 500 VAC RM

CAPACITANCE: 2 PICO FARADS, MAX AT 1 MEGAHERTZ

CURRENT RATING: 1 AMP, 30C RISE ABOVE AMBIENT

VOLTAGE RATING: 150 VAC (RMS)

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER		 ELECTRONICS www.fciconnect.com			
lfr	ecr no.	dr	date	linear	0.X ±0.2				COPY			title CEE2X---PF CONNECTOR ASSEMBLIES					
H					0.XX ±0.10				projection								
					0.XXX ±0.050												
				angles	0° ±1°												
				dr	G.PETERS		9/20/01		 MM		product family		G.PETERS		code		
				enrg	D.CASEY		9/11/01				size	dwg no		213			
				chr	G.PETERS		9/20/01				scale		SE94584		sheet 8		
				appd	D.CASEY		9/20/01		1:2		A						
sheet index		revision sheet															

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