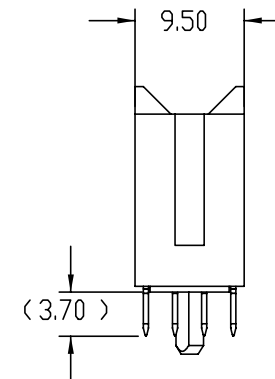
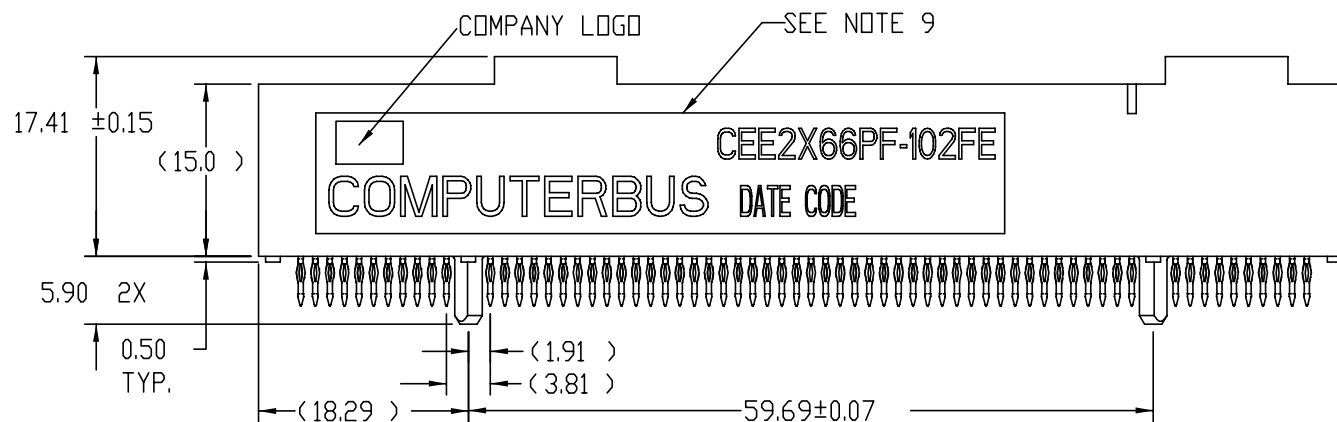
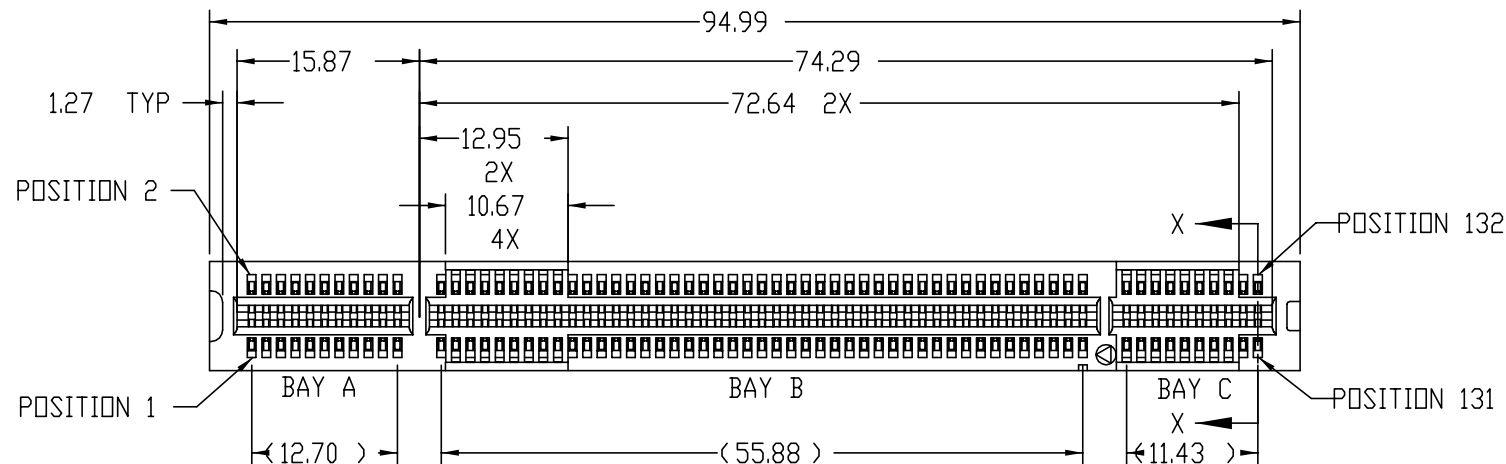


PRODUCT NUMBER

SEE TABLE



mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406 ISO 1101		CARDEDGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title			
H	V12247	GIP	9/20/01	angles	linear					
J	M04-0204	MHT	11/02/04	0°±1°						
K	V04-1156	TAB	12/13/04			scale 3:2	CEE 2X66 PF CONNECTOR ASSEMBLY			
L	M06-0037	MHT	3/30/06	dr	G. PETERS	9/20/01	FCI			
M	M06-0234	AGS	06/16/06	enrg	D. CASEY	9/11/01				
N	M08-0221	AGS	08/08/08	chr	G. PETERS	9/20/01				
P	N09-0382	YOH	12/01/09	appd	D. CASEY	9/20/01	dwg no sheet 1 of 6 size			
sheet		revision	P	P	P	P	SE94584			
index		sheet	1	2	3	4	A3			
							type Product Customer Drawing			

PDM: Rev:P

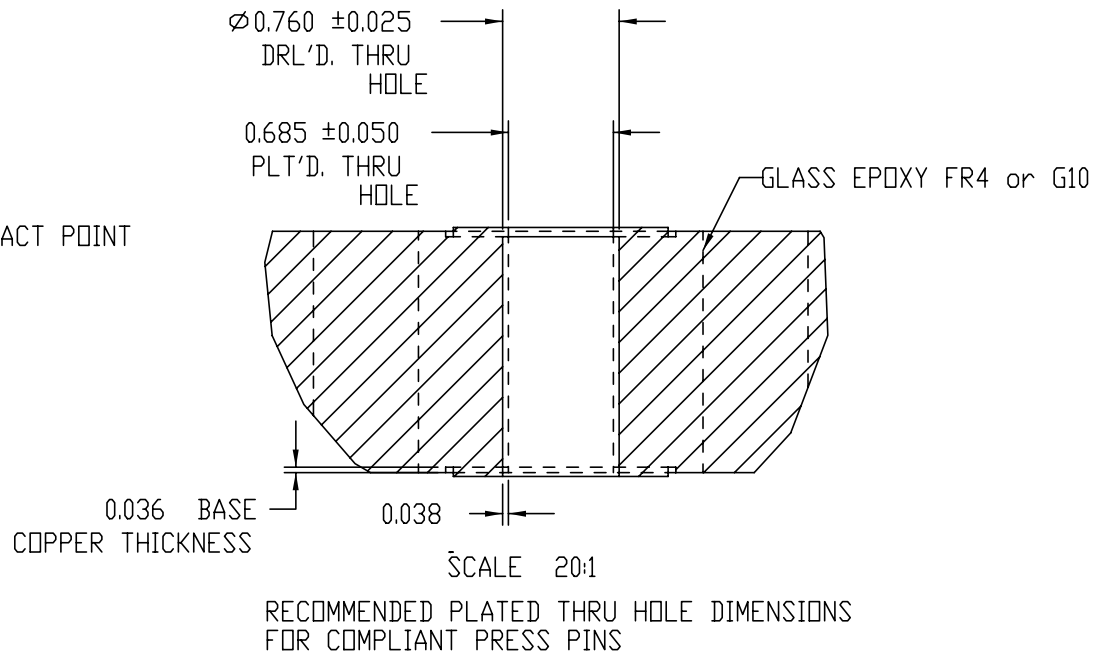
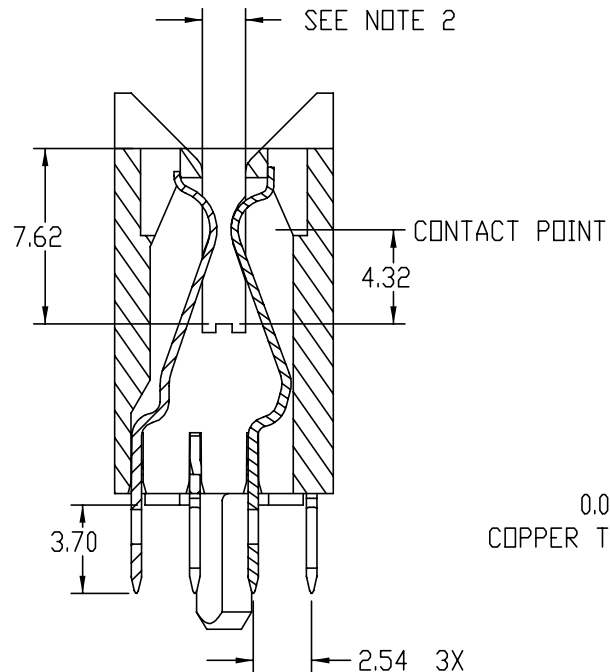
STATUS: Released

Printed: Mar 31, 2010

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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
CEE2X66PF-102FELF	2X66	132	P.F.	FULLY LOADED	11	45	10

SEE NOTE 6



SECTION X-X

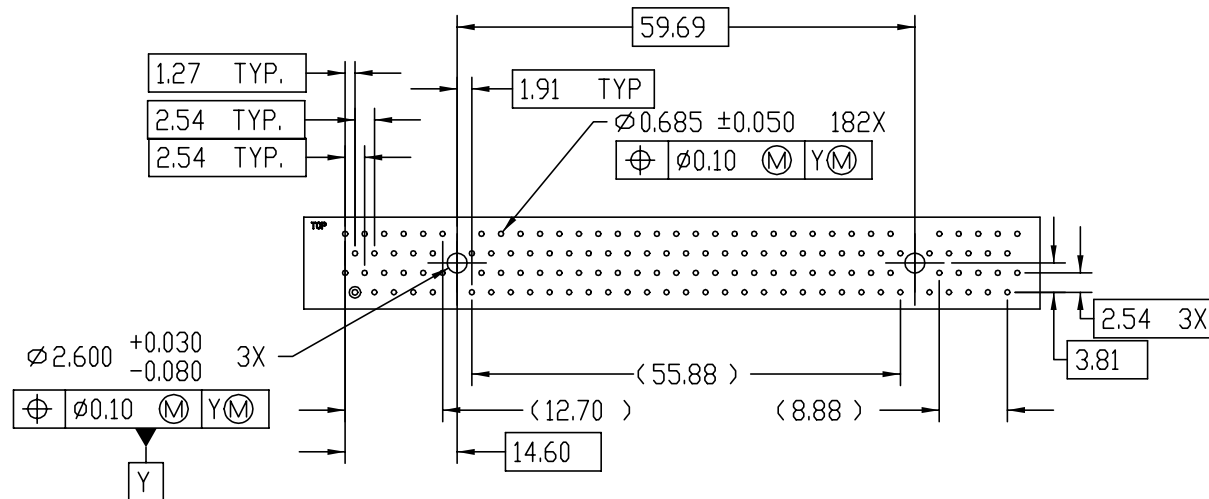
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ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 3:1	title CEE 2X66 PF CONNECTOR ASSEMBLY
P				angles	linear		
				0° ± 1°			
				dr	G. PETERS	9/20/01	dwg no SE94584
				engr	D. CASEY	9/11/01	
				chr	G. PETERS	9/20/01	
				appd	D. CASEY	9/20/01	type Product Customer Drawing
sheet index	revision sheet						

PDM: Rev:P

STATUS: Released

Printed: Mar 31, 2010

PRODUCT NUMBER
SEE TABLE



RECOMMEND BACKPLANE LAYOUT F/CEE2X66PF-102FE

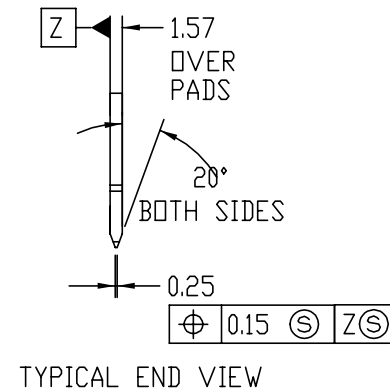
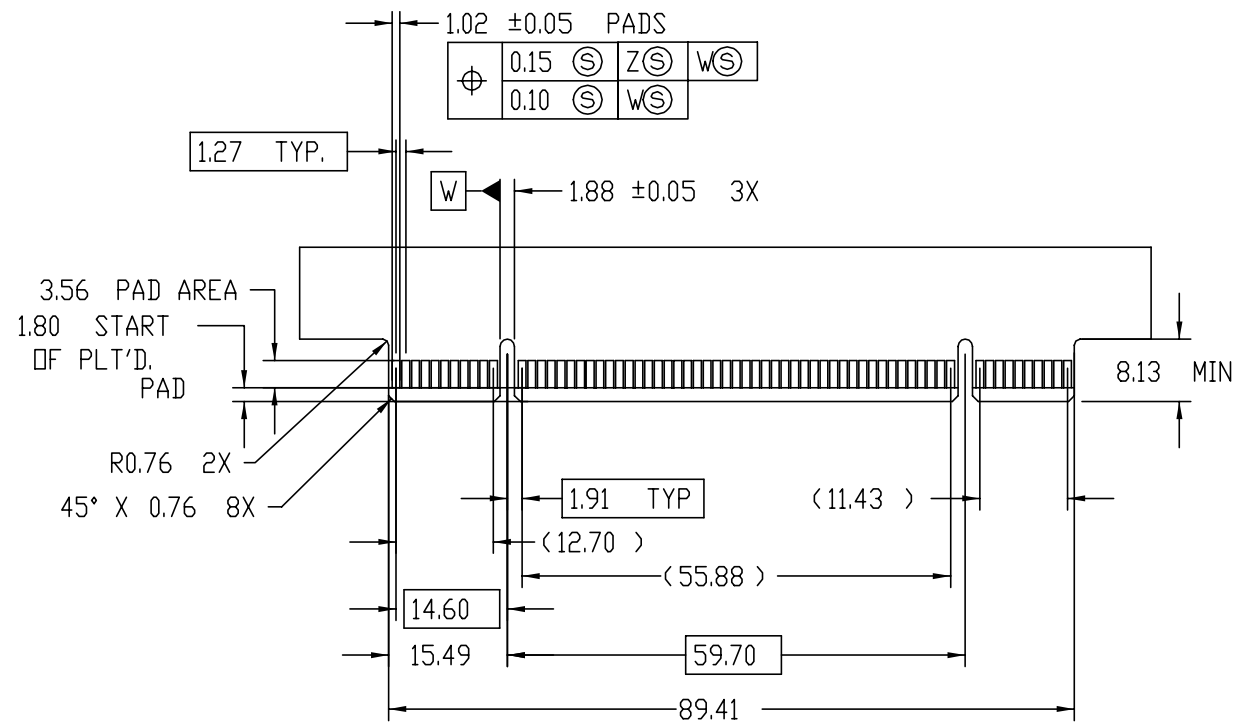
mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CARDEDGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 	title CEE 2X66 PF CONNECTOR ASSEMBLY			
P				angles	linear					
				$0^\circ \pm 1^\circ$						
				dr	G. PETERS	9/20/01	dwg no SE94584			
				engr	D. CASEY	9/11/01				
				chr	G. PETERS	9/20/01				
				appd	D. CASEY	9/20/01	type Product Customer Drawing			
sheet index	revision sheet									

PDM: Rev:P

STATUS: Released

Printed: Mar 31, 2010

PRODUCT NUMBER
SEE TABLE



RECOMMENDED BACK PLANE LAYOUT FOR CEE2X66PF-102FE

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection mm		product family CARDEDGE	
ltr				ecn no		dr		date		title	
P										CEE 2X66 PF CONNECTOR ASSEMBLY	
				angles		linear		mm		dwg no	
				0° ±1°				scale 3:2		sheet 4 of 6	
				dr		G. PETERS		9/20/01		size	
				enrg		D. CASEY		9/11/01		A3	
				chr		G. PETERS		9/20/01		SE94584	
				appd		D. CASEY		9/20/01		type	
										Product Customer Drawing	
sheet				revision							
index				sheet							

PDM: Rev:P

STATUS: Released

Printed: Mar 31, 2010

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PRODUCT NUMBER

SEE TABLE

NOTES:

1. INTERPRET THIS DRAWING IN ACCORDANCE 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 1, CLASS 1, GRADE C OVER 2.54 MICRONS MIN NI. UNDERPLATE PER QQ-N-290.
4. RECOMMENDED BACK PLANE THICKNESS IS 2.39 FOR 3.71 COMPLIANT TAIL.
5. CONTACT MATING SURFACES ARE LUBRICATED WITH OS-138.
6. LF: OPTIONAL LEAD FREE, PURE TIN PLATING IN SOLDER TAILS
EXAMPLE: CEE2X66PF LF

LEAD FREE OPTION

7. MATERIAL:

BODY: POLYPHTHALAMIDE (PPA) UL RATED 94V-0
COLOR, BLACK

CONTACTS: PHOS BRONZE

CONTACT FINISH:

MAYBE BE EITHER 30μ*(0.76μm) GOLD OR 30μ*(0.76μm) GXT PLATED
AT MANUFACTURER'S OPTION IN CRITICAL CONTACT AREA.

1-3μm (39-118μ") TIN-LEAD OVER 1.27μm(50μ") NI UNDERPLATE

ON CONTACT TAILS.

LEAD FREE OPTION:

MAYBE BE EITHER 30μ*(0.76μm) GOLD OR 30μ*(0.76μm) GXT PLATED
AT MANUFACTURER'S OPTION IN CRITICAL CONTACT AREA.

1-3μm (39-118μ") PURE TIN OVER 1.27μm(50μ") NI UNDERPLATE
ON CONTACT TAILS.

8. PERFORMANCE CHARACTERISTICS: SEE SHEET 6.
9. APPLICATION SPECIFICATION PER BUS-09-026.
10. ITEM NAME, LOGO, PART NUMBER, DATE CODE, AND UL SYMBOLS TO APPEAR IN THIS AREA.
11. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family CARDEDGE					
ltr	ecn no	dr	date	tolerances unless otherwise specified						title					
P				angles	linear	.X±.2				CEE 2X66 PF CONNECTOR ASSEMBLY					
				0°±1°		.XX±.10									
						.XXX±.050		scale 1:2		dwg no					
				dr	G. PETERS	9/20/01				sheet 5 of 6 size					
				engr	D. CASEY	9/11/01				SE94584 A3					
				chr	G. PETERS	9/20/01									
				appd	D. CASEY	9/20/01				type Product Customer Drawing					
sheet		revision													
index		sheet													

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 MEGOHMS 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				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family CARDEDGE			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
P				angles	linear	.X±.2				CEE 2X66 PF CONNECTOR ASSEMBLY			
				0°±1°		.XX±.10							
						.XXX±.050		scale 1:2		dwg no sheet 6 of 6 size			
				dr	G. PETERS	9/20/01				SE94584 A3			
				enr	D. CASEY	9/11/01							
				chr	G. PETERS	9/20/01							
				appd	D. CASEY	9/20/01							
sheet		revision											
index		sheet											