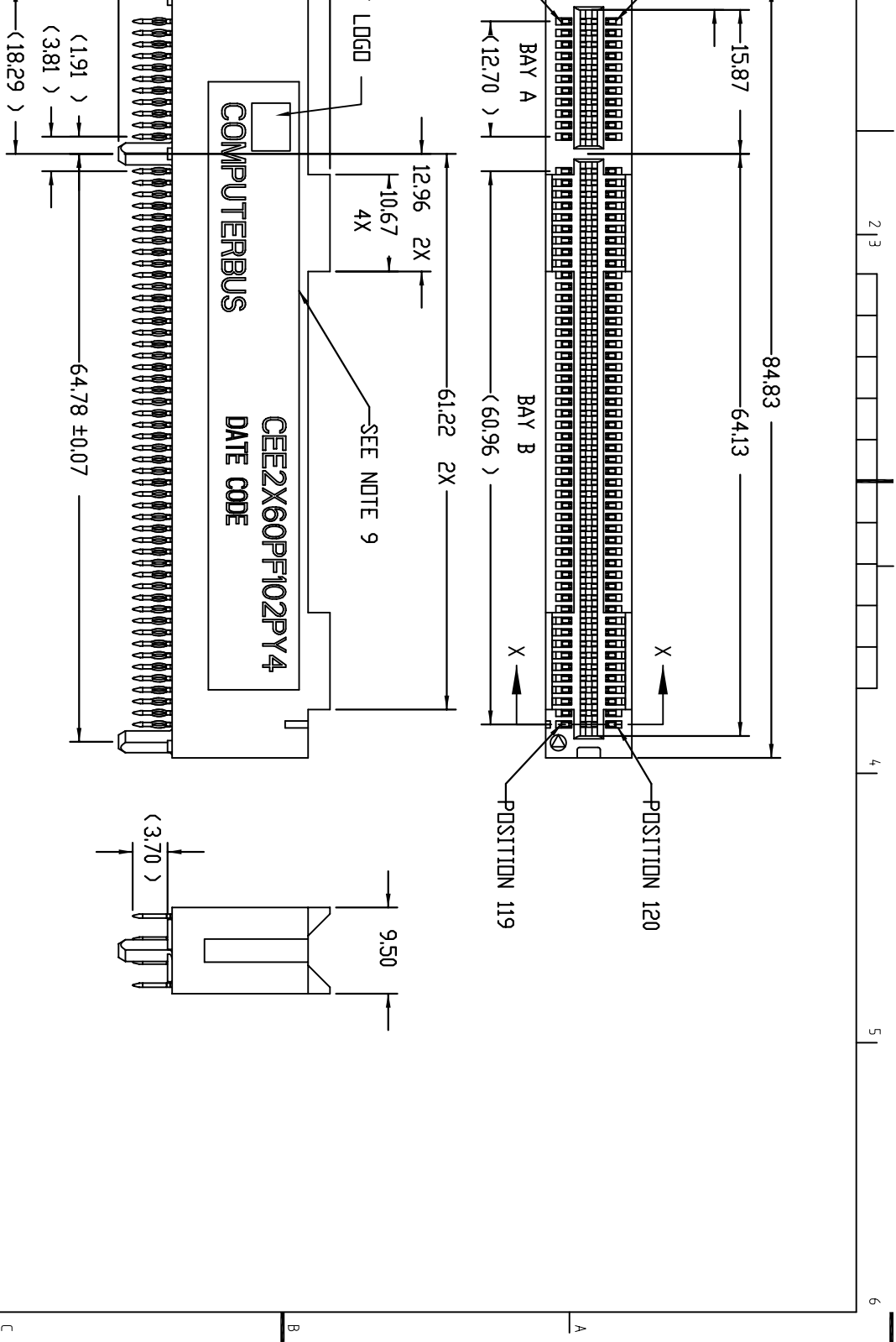




**THE DATASHEET OF
CEE2X60PF102PY4LF**

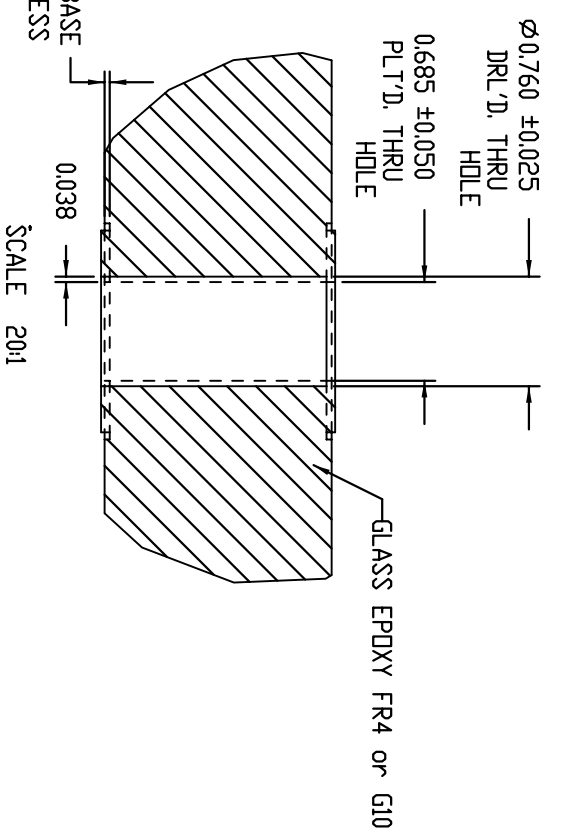
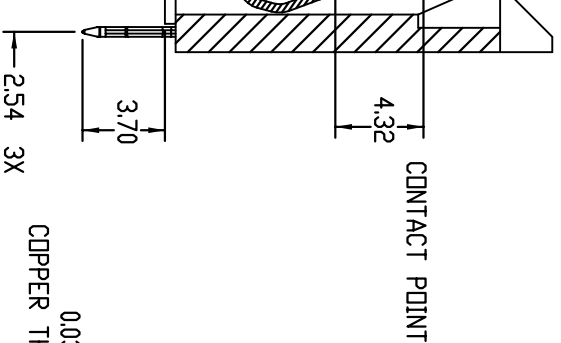




mat'l. code		surface		tolerance		projection		product family	
ISO 9102		ISO 9102		ISO 406 ISO 101		MM		CARDEdge	
title		date		scale		type		sheet 1 of 6 size	
H 12/08/04		12/08/04		3:2		Product Customer Drawing		A3	
J 04/25/03		04/25/03		.XX±.10					
K 3/30/06		03/30/06		XXX±.050					
L 06/16/08		06/16/08		G. PETERS 9/12/01					
M 8/24/06		08/24/06		D. CASEY 9/24/01					
N 10/26/08		10/26/08		G. PETERS 9/12/01					
P 07/08/08		07/08/08		D. CASEY 9/12/01					
revision		revision							
1		2		3		4		5	
sheet		sheet							

TOR	NO. CONTACTS LOADED	TERMINATION	LOAD PATTERN UNPOPULATED POSITIONS	CONTACT PAIRS BAY A	CONTACT PAIRS BAY B	CONTACT PAIRS BAY C
	120	PRESS FIT	FULLY LOADED	11	49	n/a
	120	PRESS FIT	FULLY LOADED	11	49	n/a
	120	PRESS FIT	FULLY LOADED	11	49	n/a
	120	PRESS FIT	FULLY LOADED	11	49	n/a

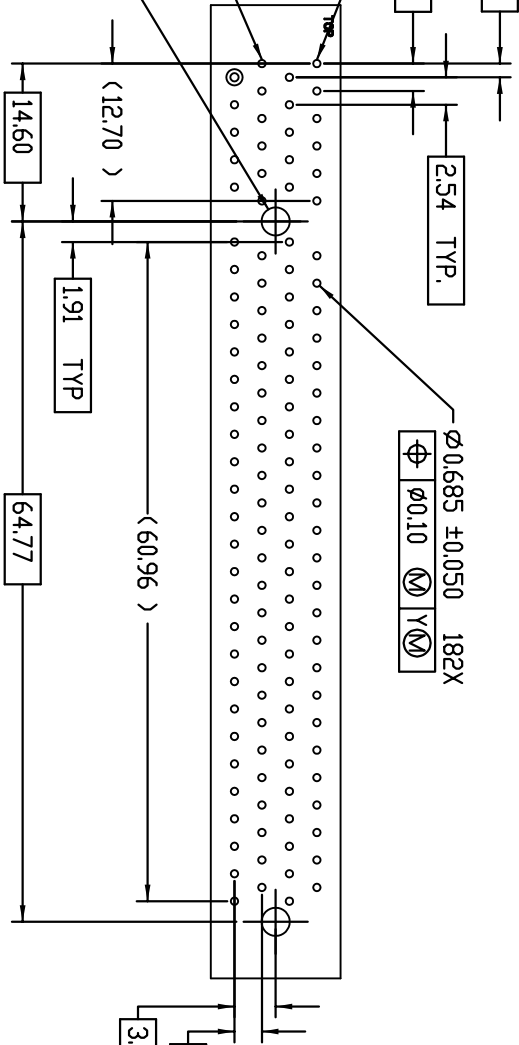
SEE NOTE 2



RECOMMENDED PLATED THRU HOLE DIMENSIONS FOR COMPLIANT PRESS PINS

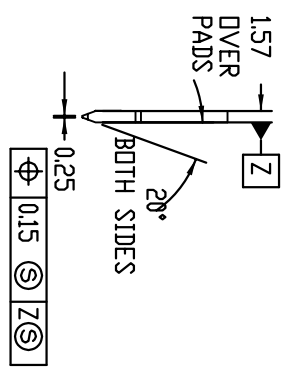
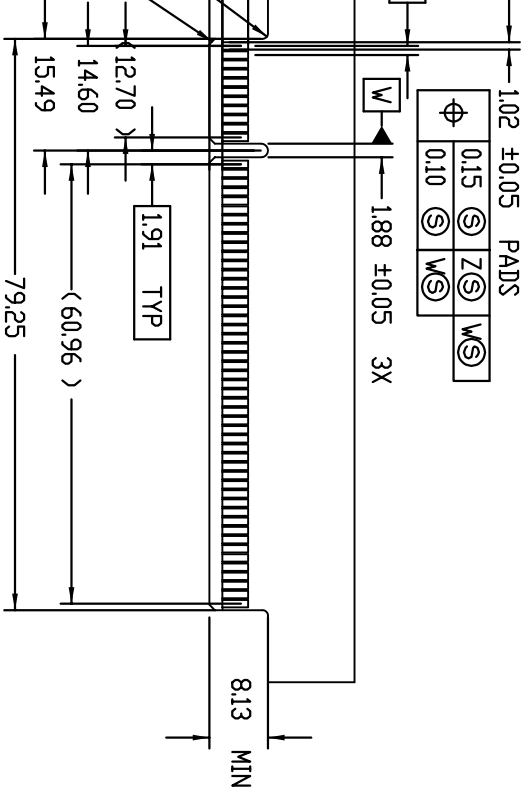
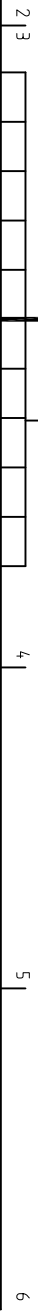
SCALE 20:1

mat'l. code		surface		tolerance		projection		product family	
ISO 9102		ISO 9102		ISO 406 ISO 1001		MM		CARDEdge	
lit. ecn no		date		ISO 9102		MM		title	
P				.XX±.10		MM		CEE 2X60 PF	
		angles		XXX±.050		MM		CONNECTOR ASSEMBLY	
		linear		scale: 3:2		MM		type	
		0°±.1°						Product Customer Drawing	
		dr		engr		engr		sheet 2 of 6 size	
		G. PETERS 9/12/01		D. CASEY 9/24/01		D. CASEY 9/12/01		A3	
		G. PETERS 9/12/01		G. PETERS 9/12/01		D. CASEY 9/12/01			
		D. CASEY 9/24/01		D. CASEY 9/12/01					
		D. CASEY 9/12/01							
steel		revision							
index		steel							



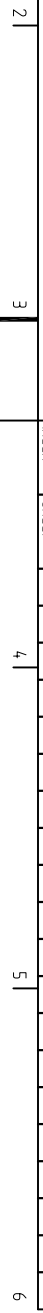
BACKPLANE HOLE PATTERN FOR CEE2X60PF-102PY4 & CEE2X60PF-102PY4LF
 CEE2X60PF-102PY4W & CEE2X60PF102PY4WLF

mat'l. code		surface		tolerance		projection		product family	
lit.	ecm no	dr	date	ISO 9102	ISO 406	ISO 101		title	
P				tolerances unless otherwise specified				CEE 2X60 PF	
				angles	linear	.XX±.2	MM	CONNECTOR ASSEMBLY	
				0'±.1"	XXX±.050	scale 3:2		CONTRACTOR ASSEMBLY	
				dr	engr	chk	appd	DWG no	sheet 3 of 6 size
				G. PETERS 9/12/01	D. CASEY 9/24/01	G. PETERS 9/12/01	D. CASEY 9/12/01	S97191	A3
								Product Customer Drawing	
steel	revision								
index	sheet								



ED MATING COMPONENT BOARD FOR CEE2X60PF-102PY4 & CEE2X60PF-102PY4LF
 CEE2X60PF-102PY4W & CEE2X60PF102PY4WLF

mat'l. code		surface		ISO 902		tolerance		ISO 406		projection		product family	
lit. ecn no. dt. date		ISO 101		tolerances unless otherwise specified		.XX±.2		MM		CARDEDGE		title	
P		angles		linear		.XX±.10		MM		CEE 2X60 PF		CONNECTOR ASSEMBLY	
		0°±.1°		XXXX±.050		scale 3:2				type		Product Customer Drawing	
		dt. G. PETERS 9/12/01		engr. D. CASEY 9/24/01		dtdr. G. PETERS 9/12/01		dtpd. D. CASEY 9/12/01		dwg no		S97191	
Sheet		revision		FCI		sheet 4 of 6		size		A3			
index		Sheet											



2	3	4	5	6
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INTERPRET THIS DRAWING IN ACCORDANCE WITH ANSI Y14.5M -1982.
CONNECTORS WITH CARD COLLECTING SCOOPS ARE DESIGNED TO ACCOMMODATE
7+/- .180 PC BOARDS WITH WARPAGE UP TO +/-2.03.

COMMENDED COMPONENT BOARD MATERIAL:

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
4 MICRONS MIN NI. UNDERPLATE PER QQ-N-290.

COMMENDED BACK PLANE THICKNESS IS 2.39 FOR 3.71 COMPLIANTTAL.
CONTACT MATING SURFACES ARE LUBRICATED WITH OS-138.

TERIAL:

BODY: POLYPHTHALAMIDE (PPA) UL RATED 94V-0
COLOR, BLACK
LIQUID CRYSTAL POLYMER (LCP) 30% GF
COLOR, NATURAL

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.


PERFORMANCE CHARACTERISTICS: SEE SHEET 7.

ITEM NAME, LOGO, PART NUMBER, DATE CODE, AND UL SYMBOLS TO BE
DISPLAYED IN THIS AREA. NATURAL COLOR CONNECTOR ONLY WILL
HAVE DATE CODE DISPLAYED.

SUFFIX AT THE END OF PART NUMBER IS LEAD FREE.

S PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

PART NUMBERS WITH "W" AT THE END OR "W" BEFORE "LF"
ARE MOLDED IN NATURAL COLOR.

mat'l code		surface	tolerance	projection	product family
lit	ecrn no	ISO 902	ISO 406 ISO 101		CARDEdge
P		angles	linear .XX±.10	MM	title CEE 2X60 PF
		0±.1"	XXX±.050	scale 3:2	CONNECTOR ASSEMBLY
		dr	G. PETERS 9/12/01		dwg no
		engr	D. CASEY 9/24/01		S97191
		dtr	G. PETERS 9/12/01		sheet 5 of 6 size
		appd	D. CASEY 9/12/01		A3
sheet	revision				type Product Customer Drawing
index	sheet				

2	3	4	5	6
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PERFORMANCE CHARACTERISTICS:
 ENVIRONMENTAL:
 OPERATING TEMPERATURE: -40C TO 105C
 THERMAL SHOCK: EIA-364 TP32,-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: EIA-364 TP29, 4.4 N MIN.

MATING FORCE: EIA-364 TP13, 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: EIA-364 TP45, WITH 10 MILLIOMH MAX. INITIAL, 20 MILLIOMH RISE, COMPONENT BOARD SIDE - 1 MILLIOMH MAX, CONNECTION (LOW SIGNAL LEVEL)
 PRESS FIT PIN WITH W/PLATED THROUGH HOLE.

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

DIELECTRIC WITHSTAND VOLTAGE: EIA-364 TP45, CONDITION 1, 500 VAC RM

CAPACITANCE: 2 PICROFARADS, MAX AT 1 MEGAHERTZ

CURRENT RATING: 1 AMP, 30C RISE ABOVE AMBIENT

VOLTAGE RATING: 150 VAC (RMS)

2		3		4		5		6	
mat'l code		surface		tolerance		projection		product family	
lit		ISO 9102		ISO 406				CARDEDGE	
ecn no		tolerances unless otherwise specified		ISO 1001		MM		title	
P		angles		.XX±.2		←		CEE 2X60 PF	
		linear		.XXX±.10		MM		CONNECTOR ASSEMBLY	
		0±.1"		XXX±.050		scale 3:2		dwg no	
		dr		G. PETERS 9/12/01				sheet 6 of 6 size	
		enfr		D. CASEY 9/24/01				S97191	
		dtr		G. PETERS 9/12/01				A3	
		appd		D. CASEY 9/12/01				Product Customer Drawing	
steel		revision							
index		sheet							

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View CEE2X60PF102PY4LF on WIN SOURCE](#)

 [Amphenol Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management