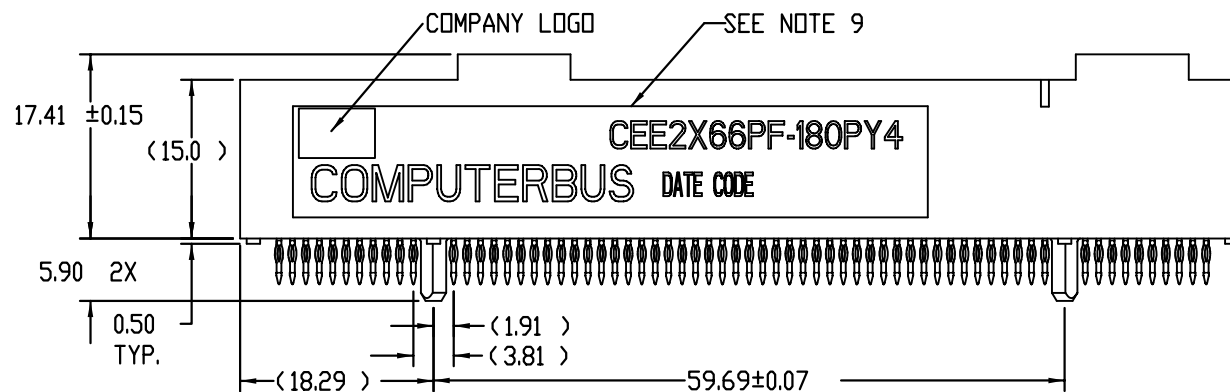
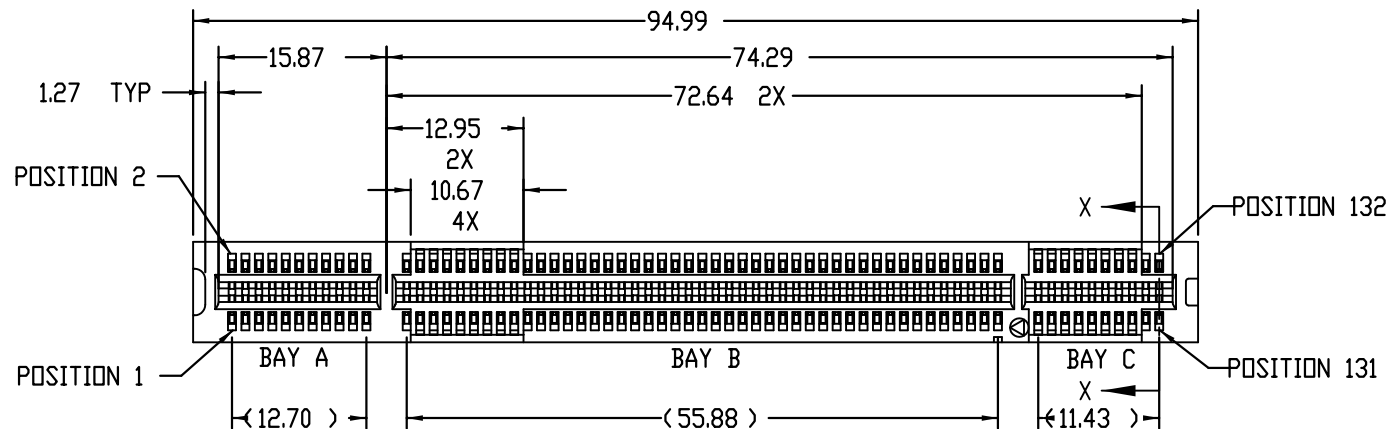
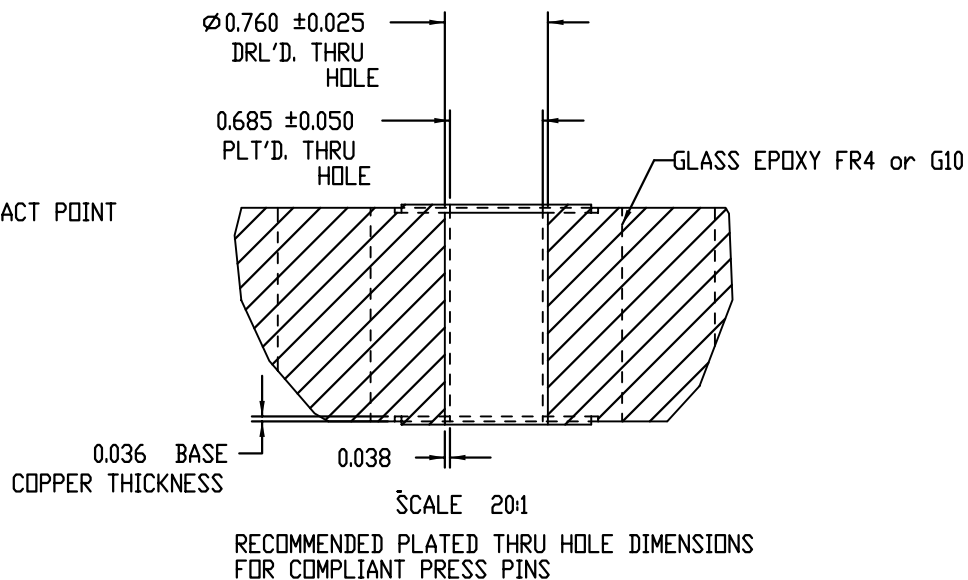
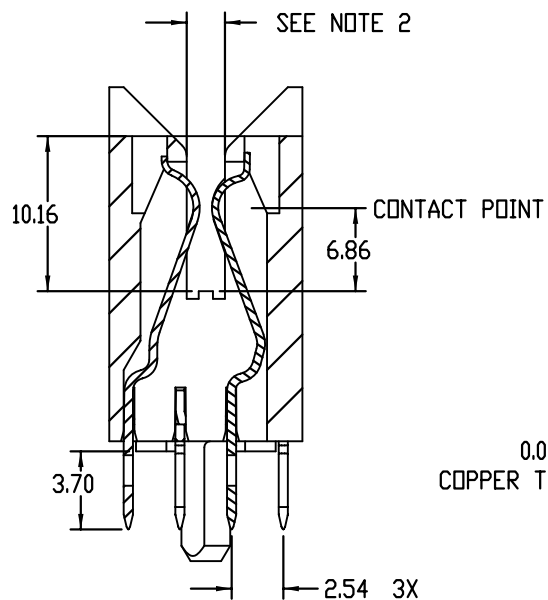


PRODUCT NUMBER
SEE TABLE



mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101	projection	product family CARDEDGE	
ltr	ec'n no	dr	date	angles	linear	.X±.2 .XX±.10 .XXX±.050	MM	title	
J	V11759	MEP	7/2/01					CEE 2X66 PF	
K	V12247	GIP	9/18/01					CONNECTOR ASSEMBLY	
L	V04-1156	TAB	12/14/04	0°±1°			scale 3:2	dwg no	sheet 1 of 6 size
M	V04-0075	ERE	04/25/05	dr	G. PETERS	9/20/01		SE96028	A3
N	M05-0037	MHT	3/30/06	engr	D. CASEY	9/11/01			
P	M06-0234	AGS	16/15/06	chr	G. PETERS	9/20/01			
R	M08-0221	AGS	08/08/08	appd	D. CASEY	9/20/01			
sheet	revision	R	R	R	R	R		type	Product Customer Drawing
index	sheet	1	2	3	4	5	6		

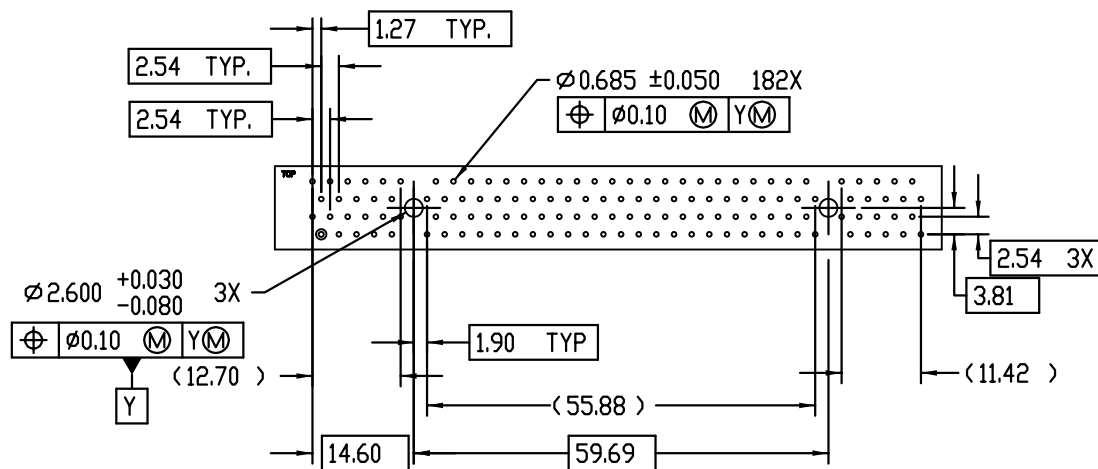
FCI CATALOG NO. F/CONNECTORS W/CARD COLLECTORS	CONNECTOR SIZE	NO. CONTACTS LOADED	TERMIN.	LOAD PATTERN	CONTACT PAIRS BAY A	CONTACT PAIRS BAY B	CONTACT PAIRS BAY C
CEE2X66PF-180PY4	2x66	132	P.F.	FULLY LOADED	11	45	10
CEE2X66PF-180PY4LF	2x66	132	P.F.	FULLY LOADED	11	45	10



SECTION X-X

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection ISO 1302	product family CARDEdge
ltr	ecr no	dr	date	tolerances unless otherwise specified			title
R				angles	linear	MM	CEE 2X66 PF CONNECTOR ASSEMBLY
				0°±1°	.XX±.10 .XXX±.050	scale 3:1	dwg no sheet 2 of 6 size
				dr	G. PETERS 9/20/01	FCI	SE96028 A3
				engr	D. CASEY 9/11/01		
				chr	G. PETERS 9/20/01		
				appd	D. CASEY 9/20/01		
sheet index	revision sheet						type Product Customer Drawing

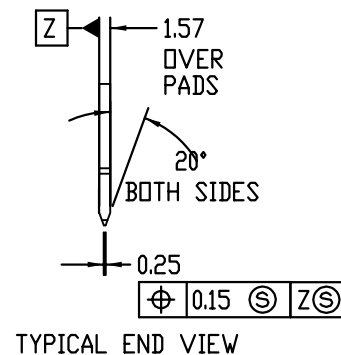
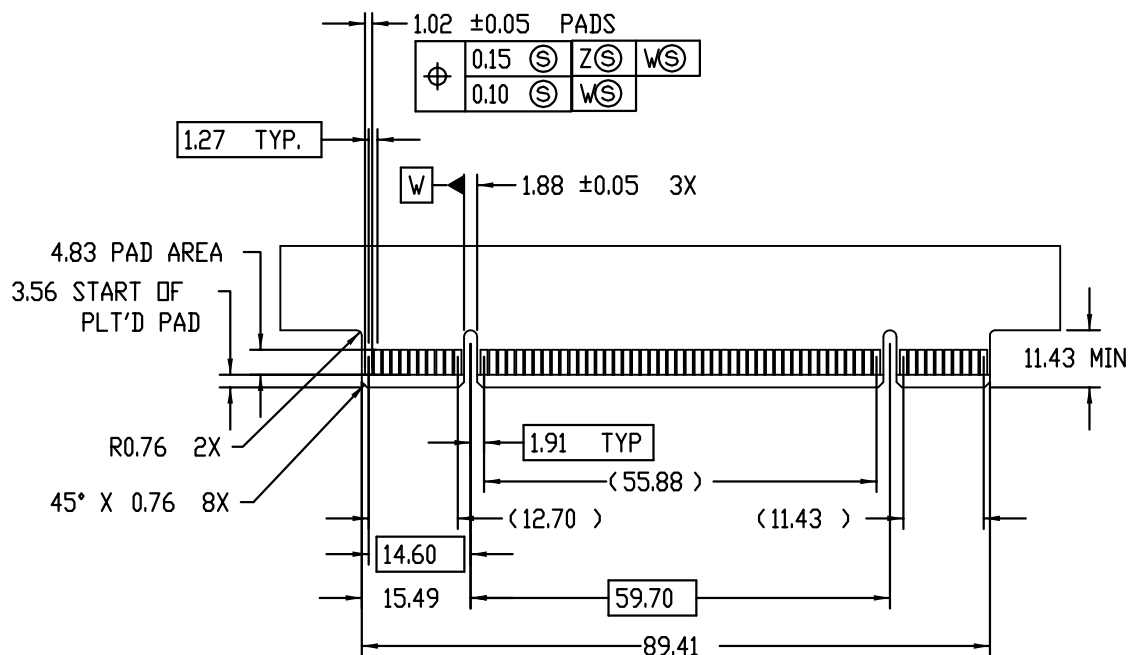
PRODUCT NUMBER
SEE TABLE



Copyright FCI

mat'l code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family CARDEDGE
lfr	ecn no	dr	date	tolerances unless otherwise specified			title
R				angles	linear	.X±.2 .XX±.10 .XXX±.050	CEE 2X66 PF CONNECTOR ASSEMBLY
				0°±1°		scale 3:2	dwg no
				dr	G. PETERS	9/20/01	sheet 3 of 6 size
				engr	D. CASEY	9/11/01	SE96028 A3
				chr	G. PETERS	9/20/01	type
				appd	D. CASEY	9/20/01	Product Customer Drawing
sheet index	revision sheet						

PRODUCT NUMBER
SEE TABLE



RECOMMENDED MATING COMPONENT PCB FOR CEE2X66PF-180PY4 & CEE2X66PF-180PY4LF

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family CARDEGE
ltr	ecn no	dr	date	tolerances unless otherwise specified		 MM	title
R				angles	linear		CEE 2X66 PF
				0°±1°	.XX±.10 .XXX±.050		CONNECTOR ASSEMBLY
				dr	G. PETERS	9/20/01	dwg no
				engr	D. CASEY	9/11/01	sheet 4 of 6 size
				chr	G. PETERS	9/20/01	SE96028
				appd	D. CASEY	9/20/01	A3
sheet	revision						type
index	sheet						Product Customer Drawing

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. 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.

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 BE DISPLAYED IN THIS AREA.
10. LF SUFFIX AT THE END OF PART NUMBER IS LEAD FREE.
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 CARDEGE	
ltr	ecm no	dr	date	tolerances unless otherwise specified					
R				angles	linear	.X±.2 .XX±.10 .XXX±.050		title CEE 2X66 PF CONNECTOR ASSEMBLY	
				0°±1°		scale 1:2		dwg no	
				dr	G. PETERS	9/20/01	sheet 5 of 6		size
				enr	D. CASEY	9/11/01	FCI		SE96028
				chr	G. PETERS	9/20/01	type		Product Customer Drawing
				appd	D. CASEY	9/20/01			A3
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 MEGAOHMS MIN.

DIELECTRIC WITHSTAND VOLTAGE: MIL-STD-1344, METHOD D3001.1 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)

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
lfr	ecr no	dr	date	tolerances unless otherwise specified		 MM scale 1:2	CARDEDGE
R				angles	linear		title
				0°±1°	.X±.2 .XX±.10 .XXX±.050		CEE 2X66 PF CONNECTOR ASSEMBLY
				dr	G. PETERS	9/20/01	dwg no
				engr	D. CASEY	9/11/01	sheet 6 of 6 size
				chr	G. PETERS	9/20/01	SE96028 A3
				appd	D. CASEY	9/20/01	type
sheet	revision						Product Customer Drawing
index	sheet						