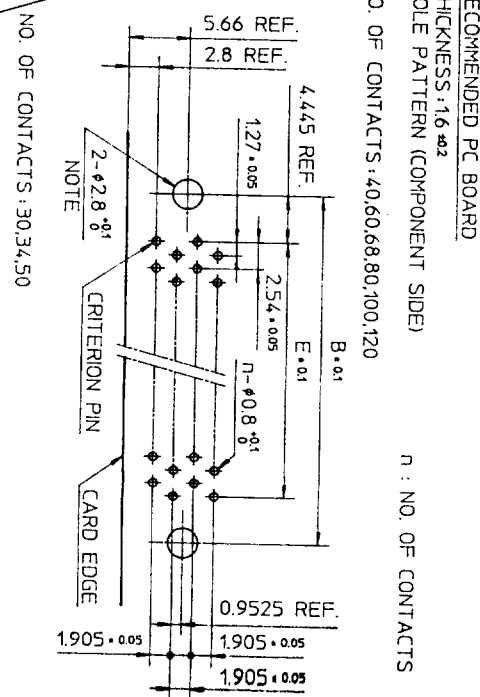
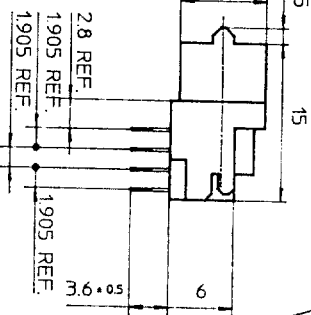
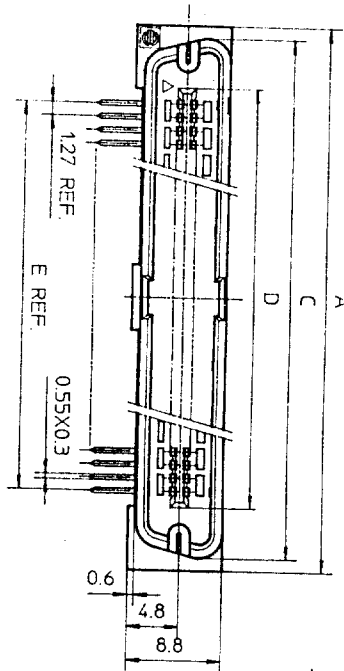
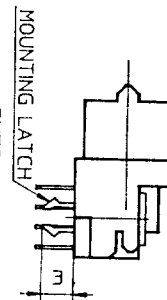
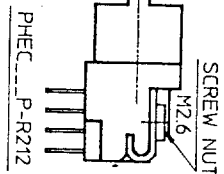
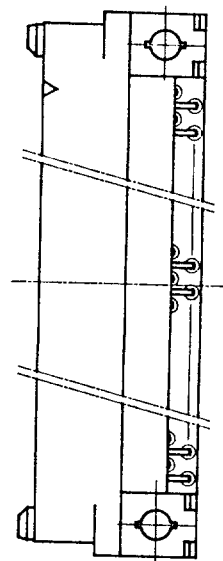
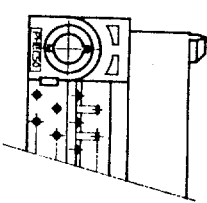
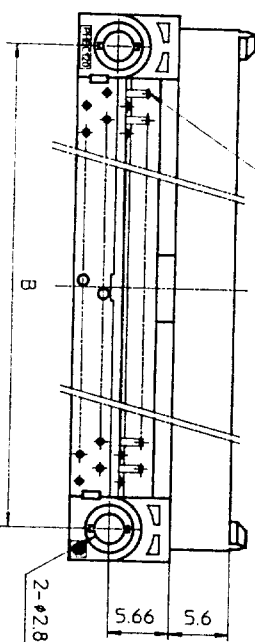


NO. OF CONTACTS: 40, 60, 68, 80, 100, 120
CRITERION PIN

NO. OF CONTACTS: 30, 34, 50



MATERIAL

BODY

LOCATOR

CONTACT

MOUNTING LATCH

SCREW NUT

NICKEL PLATED

STEEL

PHOSPHOR BRONZE

SOLDER PLATED

NYLON RESIN GLASS REINFORCED (UL94V-0)

BLACK

PBT RESIN GLASS REINFORCED (UL94V-0)

CAT. NO.

NO. OF CONTACTS (MATING SIDE)

A

B

C

D

E

PHEC30P-R21

15/ROW X 2 ROWS

32.67

26.67

30.3

20.42

17.78

PHEC34P-R21

17/ROW X 2 ROWS

35.21

29.21

32.84

22.96

20.32

PHEC40P-R21

20/ROW X 2 ROWS

39.02

33.02

36.65

26.77

24.13

CAT. NO.	NO. OF CONTACTS (MATING SIDE)	A	B	C	D	E
PHEC30P-R21	15/ROW X 2 ROWS	32.67	26.67	30.3	20.42	17.78
PHEC34P-R21	17/ROW X 2 ROWS	35.21	29.21	32.84	22.96	20.32
PHEC40P-R21	20/ROW X 2 ROWS	39.02	33.02	36.65	26.77	24.13
PHEC50P-R21	25/ROW X 2 ROWS	45.37	39.37	43	33.12	30.48
PHEC60P-R21	30/ROW X 2 ROWS	51.72	45.72	49.35	39.47	36.83
PHEC68P-R21	34/ROW X 2 ROWS	56.8	50.8	54.43	44.55	41.91
PHEC80P-R21	40/ROW X 2 ROWS	64.42	58.42	62.05	52.17	49.53
PHEC100P-R21	50/ROW X 2 ROWS	77.12	71.12	74.75	64.87	62.23
PHEC120P-R21	60/ROW X 2 ROWS	89.82	83.82	87.45	77.57	74.93

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3

NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.

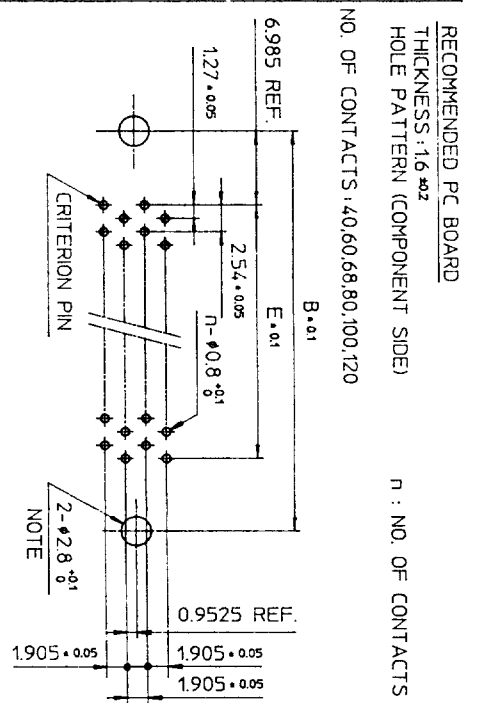
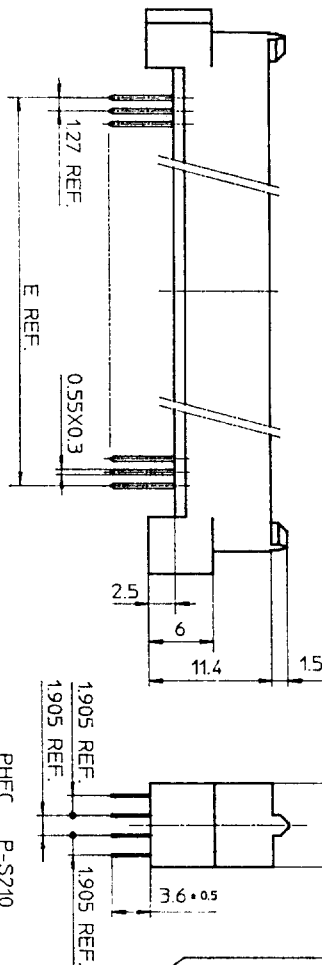
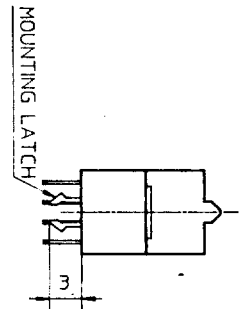
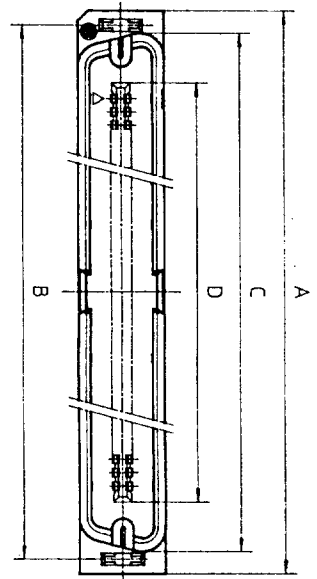
PRINTED CIRCUIT CONNECTOR

CAT. NO.	
PHEC___P-R21_	
DRAWING NO.	REV
JSC 90736	3
BURNDY JAPAN Ltd.	

DESIGNED	
DRAWN	M. Oga
CHECKED	4.86
APPROVED	J. Ogata
DATE	Mar. 8, 1990

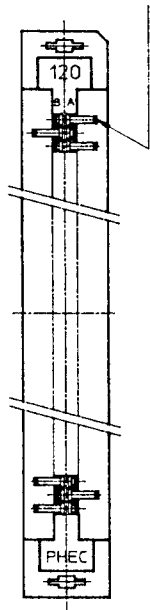
SCALE	
DIM. IN	mm
MATERIAL	

REV	DATE	DESCRIPTION	CHKD
1	92-8-14	30,34,50,68 POSITIONS ADDED. LOCATOR MATERIAL ADDED.	
2	90-6-7	EC 7866	
3	90-4-20	EC 7837	

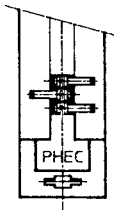


NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD
BE PLATED.

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3



NO. OF CONTACTS: 30,34,50



CAT. NO.	NO. OF CONTACTS (MATING SIDE)	DIMENSIONS				
		A	B	C	D	E
PHEC30P-S21	15/ROW X 2 ROWS	34.55	31.75	30.3	20.42	17.78
PHEC34P-S21	17/ROW X 2 ROWS	37.09	34.29	32.84	22.96	20.32
PHEC40P-S21	20/ROW X 2 ROWS	40.9	38.1	36.65	26.77	24.13
PHEC50P-S21	25/ROW X 2 ROWS	47.25	44.45	43	33.12	30.48
PHEC60P-S21	30/ROW X 2 ROWS	53.6	50.8	49.35	39.47	36.83
PHEC68P-S21	34/ROW X 2 ROWS	58.68	55.88	54.43	44.55	41.91
PHEC80P-S21	40/ROW X 2 ROWS	66.3	63.5	62.05	52.17	49.53
PHEC100P-S21	50/ROW X 2 ROWS	79.0	76.2	74.75	64.87	62.23
PHEC120P-S21	60/ROW X 2 ROWS	91.7	88.9	87.45	77.57	74.93

MATERIAL

INSULATOR: NYLON RESIN GLASS REINFORCED (UL94V-0)

COLOR: BLACK

CONTACT: COPPER ALLOY

MOUNTING LATCH: PHOSPHOR BRONZE

SOLDER PLATED

CONTACT PLATING TABLE

[THICKNESS: μm]

CONTACT AREA	REMAINDER
GOLD 0.25 MIN	SOLDER
OVER NICKEL 3Z	OVER NICKEL

PRINTED CIRCUIT CONNECTOR

CAT. NO.

PHEC-P-S21

DRAWING NO.

JSC 90735

BURNDY
JAPAN, Ltd.

DESIGNED

DRAWN

CHECKED

APPROVED

DATE

M. Oba

4.8/1

J. Koyashiki

Mar. 8, 1990

SCALE

DIM IN

MATERIAL

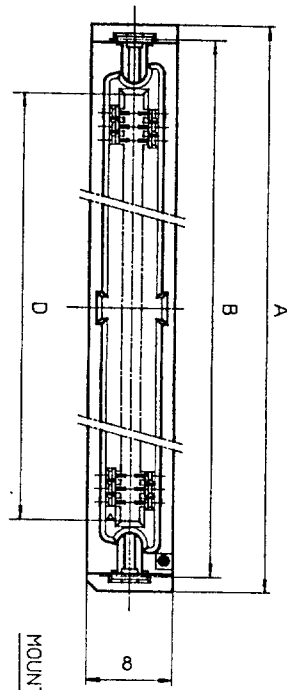
mm

REV	DATE	DESCRIPTION	CHK
1	8-11 '92	30,34,50,68 POSITIONS ADDED.	JSC
2	6-5 '90	EC 7866	JSC
1	4-20 '90	EC 7837	JSC

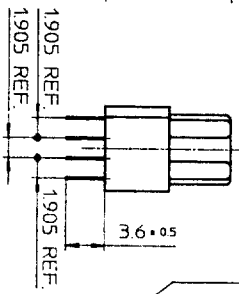
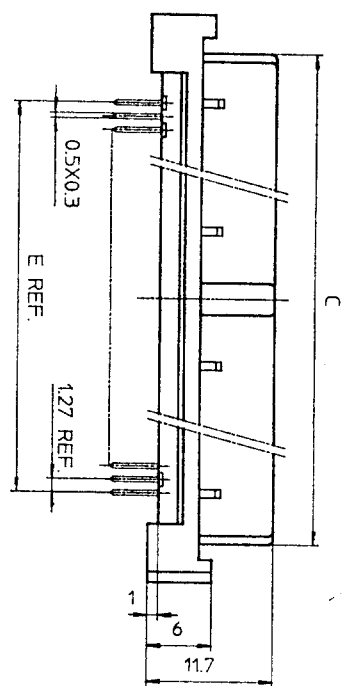
REFERENCE

10-PHEC 02

DRAWING NO
JSC 90735

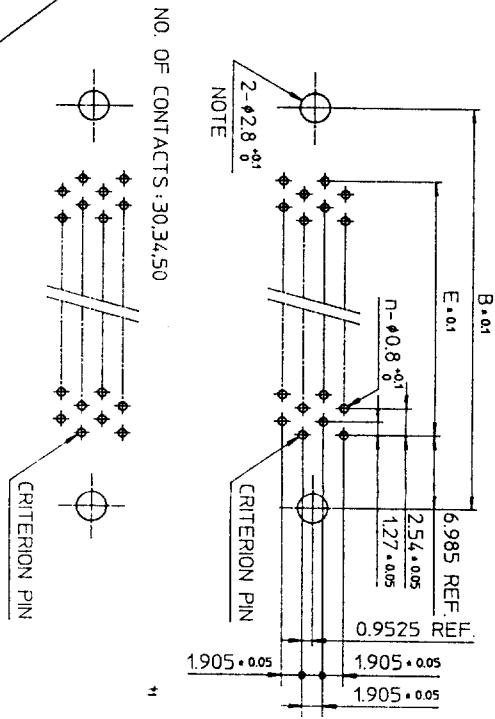


PHEC...R-S211



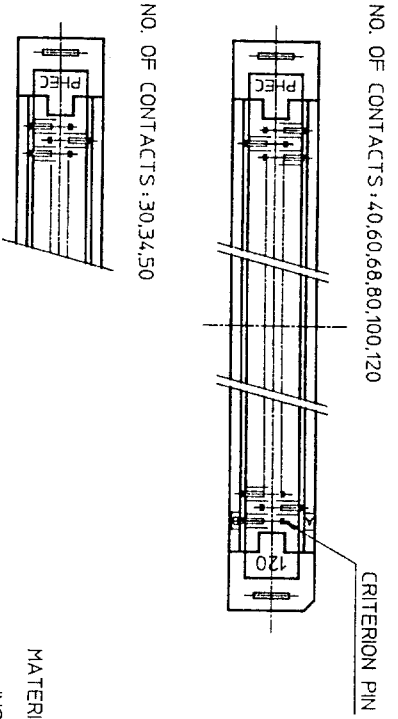
PHEC...R-S210

RECOMMENDED PC BOARD
THICKNESS: 1.6 ± 0.2
HOLE PATTERN (COMPONENT SIDE)
NO. OF CONTACTS: 40, 60, 80, 100, 120
N: NO. OF CONTACTS



NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3



NO. OF CONTACTS: 40, 60, 80, 100, 120

NO. OF CONTACTS: 30, 34, 50

MATERIAL

INSULATOR: PBT RESIN GLASS REINFORCED (UL94V-0)
COLOR: BLACK

CONTACT: PHOSPHOR BRONZE
MOUNTING LATCH: PHOSPHOR BRONZE
SOLDER PLATED

CAT. NO.	NO. OF CONTACTS (MATING SIDE)	DIMENSIONS				
		A	B	C	D	E
PHEC30R-S21	15/ROW X 2 ROWS	34.55	31.75	27.26	21.26	17.78
PHEC34R-S21	17/ROW X 2 ROWS	37.09	34.29	29.8	23.8	20.32
PHEC40R-S21	20/ROW X 2 ROWS	40.9	38.1	33.61	27.61	24.13
PHEC50R-S21	25/ROW X 2 ROWS	47.25	44.45	39.96	33.96	30.48
PHEC60R-S21	30/ROW X 2 ROWS	53.6	50.8	46.31	40.31	36.83
PHEC68R-S21	34/ROW X 2 ROWS	58.68	55.88	51.39	45.39	41.91
PHEC80R-S21	40/ROW X 2 ROWS	66.3	63.5	59.01	53.01	49.53
PHEC100R-S21	50/ROW X 2 ROWS	79.0	76.2	71.71	65.71	62.23
PHEC120R-S21	60/ROW X 2 ROWS	91.7	88.9	84.41	78.41	74.93

CONTACT PLATING TABLE

(THICKNESS: μm)

CONTACT AREA	REMAINDER
GOLD 0.25 MIN. OVER NICKEL 3.2	SOLDER OVER NICKEL

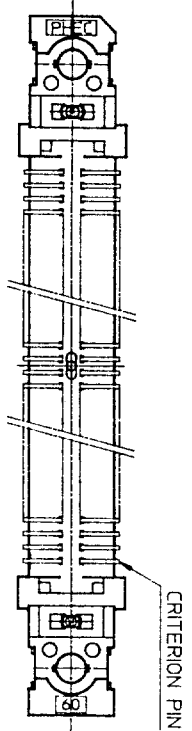
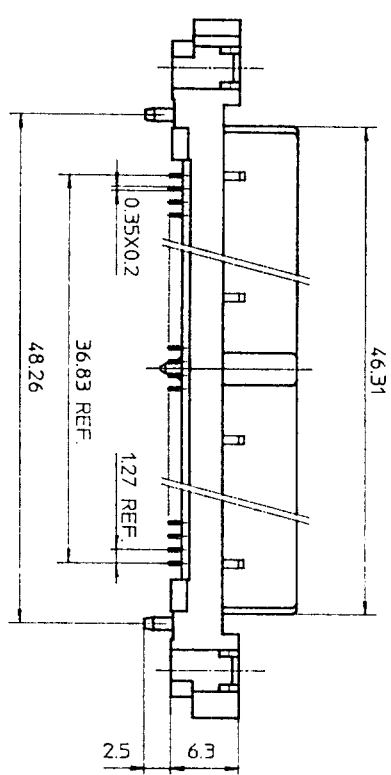
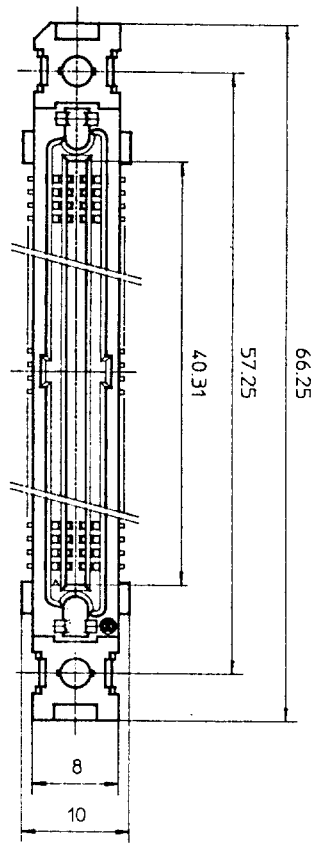
PRINTED CIRCUIT CONNECTOR

CAT. NO. PHEC...R-S211
DRAWING NO. JSC 90737
REV 4
BURNBY JAPAN Ltd.

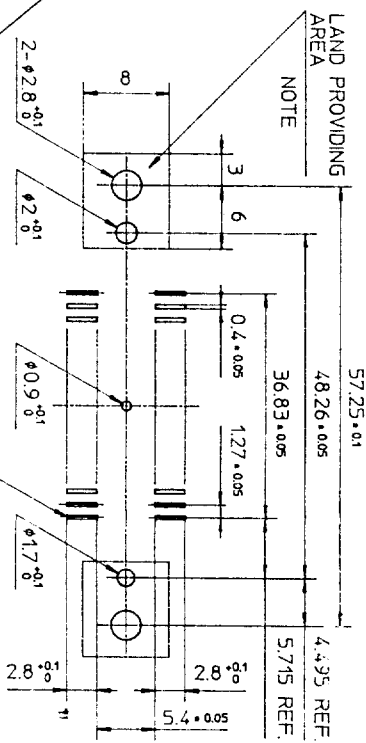
DESIGNED
DRAWN M. Oba
CHECKED H. Eki
APPROVED T. Koyachi
DATE Mar. 8, 1990

SCALE
DIM. IN mm
MATERIAL

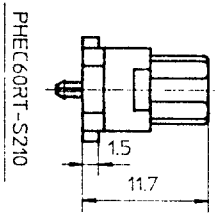
REV	DATE	DESCRIPTION	CKD
93	1-29	WRONG CONTACT DIM. CORRECTED.	
92	3-8-11	30,34,50,68 POSITIONS ADDED No 5.9	
90	5-30	EC 7866 No JK	
90	4-20	EC 7837 No JK	
REV	DATE	DESCRIPTION	CKD
REFERENCE			



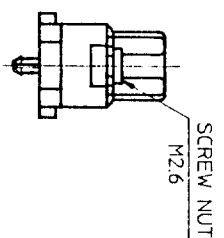
RECOMMENDED PC BOARD
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)



NOTE
PROVIDE LAND SO THAT FLANGE PORTION OF THE CONNECTOR
CAN BE PUT.



TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3



PHEC60RT-S212

MATERIAL

INSULATOR: PPS RESIN GLASS REINFORCED (UL94V-0)
COLOR: BLACK

CONTACT: PHOSPHOR BRONZE

SCREW NUT: STAINLESS

NO. OF CONTACTS: 30/ROW X 2 ROWS (MATING SIDE)

CONTACT PLATING TABLE

CONTACT AREA		REMAINDER	
GOLD 0.25 MIN.		SOLDER	
OVER NICKEL 32		OVER NICKEL	

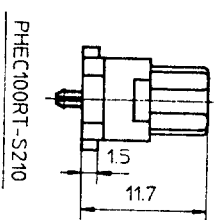
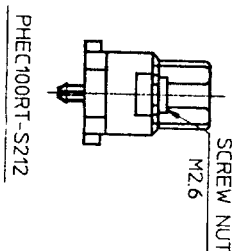
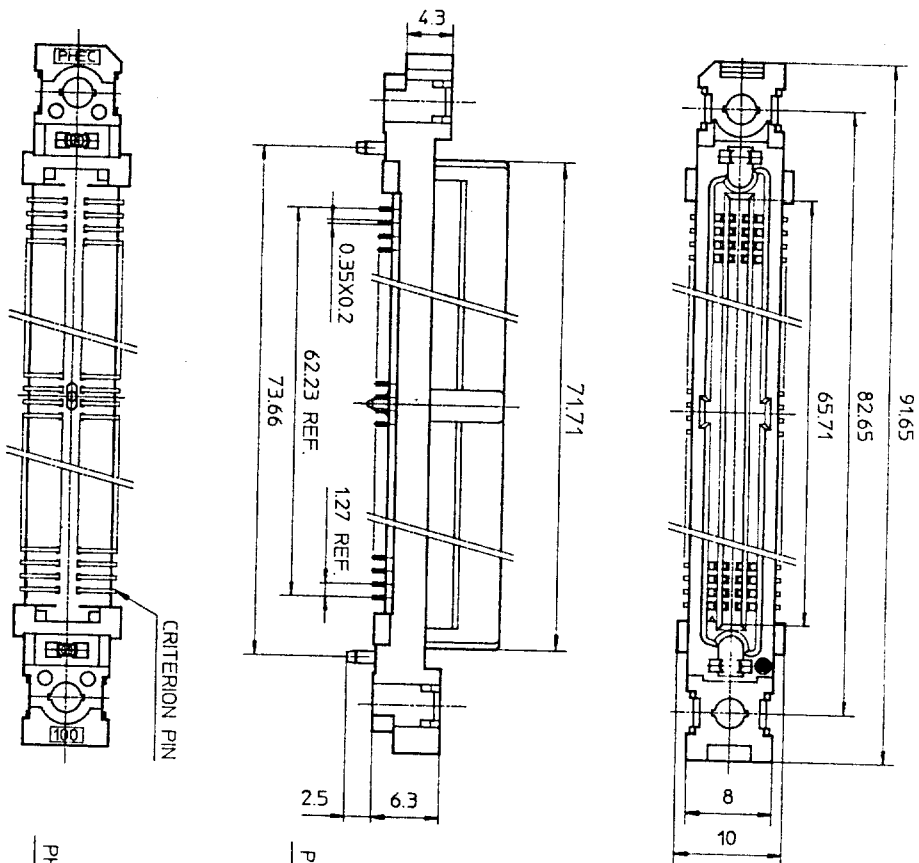
PRINTED CIRCUIT CONNECTOR
SURFACE MOUNT TYPE

REV	DATE	DESCRIPTION	CHKD.
4	8-14 '92	WRONG CONTACT DIM. CORRECTED	
3	1-8 '92	100 POSITIONS OF DELETED.	
2	6-8 '90	DIM. CHANGED.	
1	4-20 '90	EC7866	
		VARIATION ADDED.	

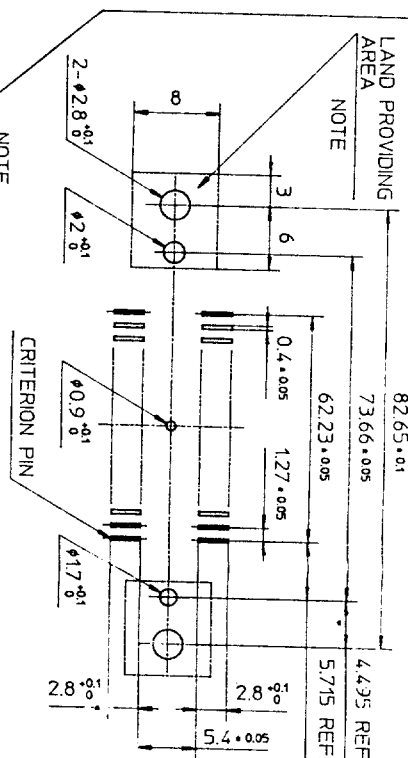
SCALE
DIM. IN
MATERIAL

DESIGNED
DRAWN
CHECKED
APPROVED
DATE

CAT. NO.
PHEC60RT-S21_
DRAWING NO.
JSC 90739
REV
4
BURNDY
JAPAN, Ltd.



NOTE
PROVIDE LAND SO THAT FLANGE PORTION OF THE CONNECTOR
CAN BE PUT.



RECOMMENDED PC BOARD
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3

MATERIAL

INSULATOR : PPS RESIN GLASS REINFORCED (UL94V-0)
COLOR : BLACK

CONTACT : PHOSPHOR BRONZE

SCREW NUT : STAINLESS

NO. OF CONTACTS : 50/ROW X 2 ROWS (MATING SIDE)

CONTACT PLATING TABLE

[THICKNESS : μm]

CONTACT AREA	REMAINDER
GOLD 0.25 MIN. OVER NICKEL 3Z	SOLDER OVER NICKEL

PRINTED CIRCUIT CONNECTOR
SURFACE MOUNT TYPE

CAT. NO.

PHEC100RT-S21

DRAWING NO.

JSC 91839

0

BURNDY
JAPAN, Ltd.

DESIGNED

DRAWN

CHECKED

APPROVED

DATE Aug. 11, 1992

SCALE

DIM. IN

MATERIAL

REV. DATE DESCRIPTION CKD.

REFERENCE

DRAWING NO.
JSC 90752

MATERIAL
INSULATOR : PBT RESIN GLASS REINFORCED (UL94V-0)
COLOR : BLACK
CONTACT : PHOSPHOR BRONZE
MOUNTING LATCH : PHOSPHOR BRONZE
SOLDER PLATED

CONTACT PLATING TABLE
[THICKNESS, μ m]

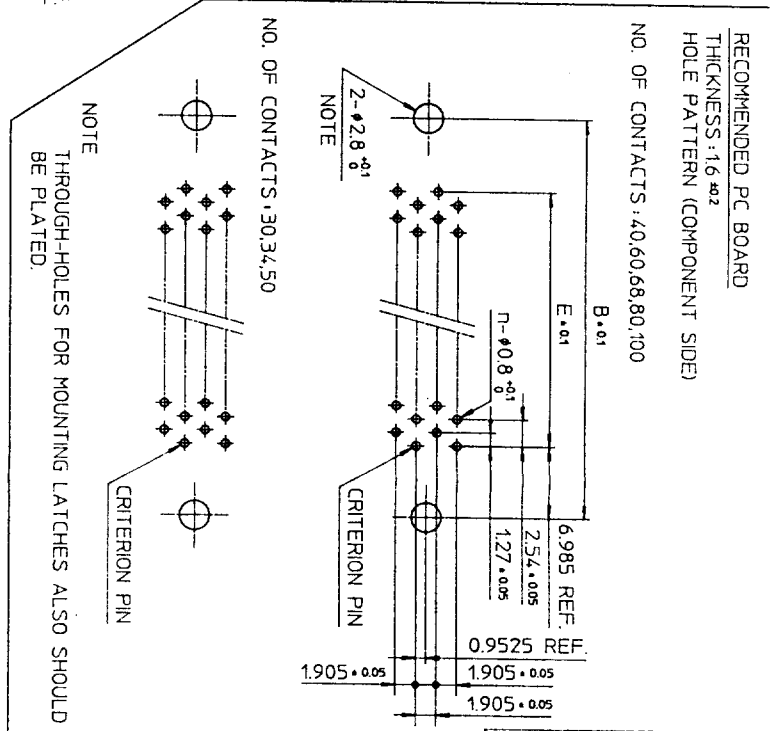
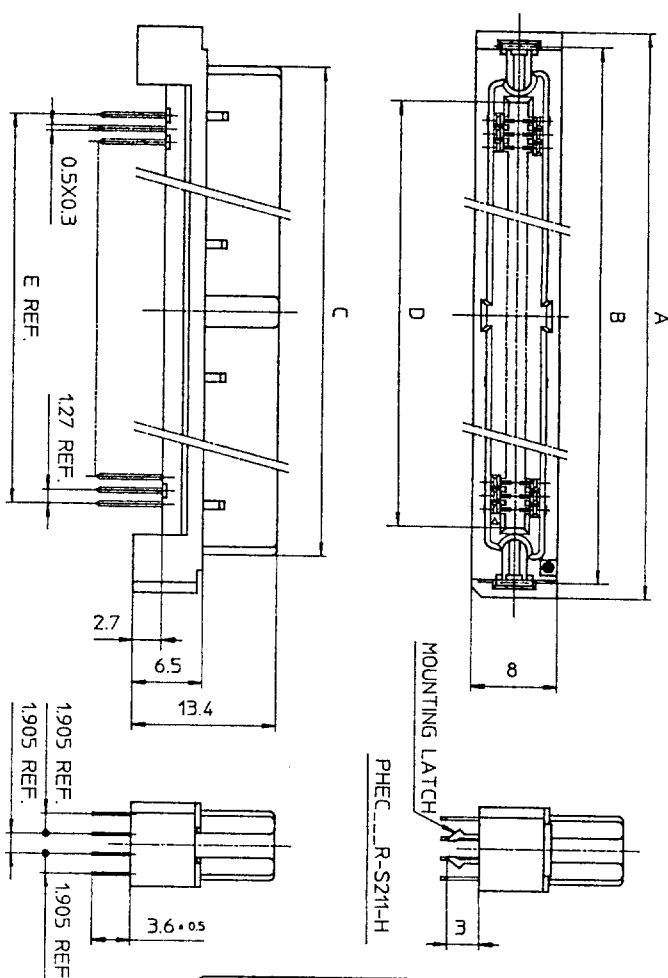
CONTACT AREA	REMAINDER
GOLD 0.25 MIN OVER NICKEL 3.2	SOLDER OVER NICKEL

REV	DATE	DESCRIPTION	CHKD.
5	'93 6-22	100 POSITIONS ADDED.	M.O.
4	'93 2-1	WRONG CONTACT DIM. CORRECTED.	M.O.
3	'92 8-11	100,120 POSITIONS DELETED. 30,34,50,68 POSITIONS ADDED.	M.O.
2	'90 5-30	DIM. CHANGED (36.61 $\rightarrow$ 33.61)	M.O.
1	'90 5-14	EC 7866	HE

REFERENCE

CAT. NO.	NO. OF CONTACTS (MATING SIDE)	DIMENSIONS				
		A	B	C	D	E
PHEC30R-S21-H	15/ROW X 2 ROWS	34.55	31.75	27.26	21.26	17.78
PHEC34R-S21-H	17/ROW X 2 ROWS	37.09	34.29	29.8	23.8	20.32
PHEC40R-S21-H	20/ROW X 2 ROWS	40.9	38.1	33.61	27.61	24.13
PHEC50R-S21-H	25/ROW X 2 ROWS	47.25	44.45	39.96	33.96	30.48
PHEC60R-S21-H	30/ROW X 2 ROWS	53.6	50.8	46.31	40.31	36.83
PHEC68R-S21-H	34/ROW X 2 ROWS	58.68	55.88	51.39	45.39	41.91
PHEC80R-S21-H	40/ROW X 2 ROWS	66.3	63.5	59.01	53.01	49.53
PHEC100R-S21-H	50/ROW X 2 ROWS	79.0	76.2	71.71	65.71	62.23

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ± 0.3



NO. OF CONTACTS: 30,34,50	THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.
DESIGNED	DRAWN
CHECKED	APPROVED
DATE	Mar. 24, 1990

PRINTED CIRCUIT CONNECTOR
HIGH STAND OFF TYPE

CAT. NO.
PHEC_R-S21-H

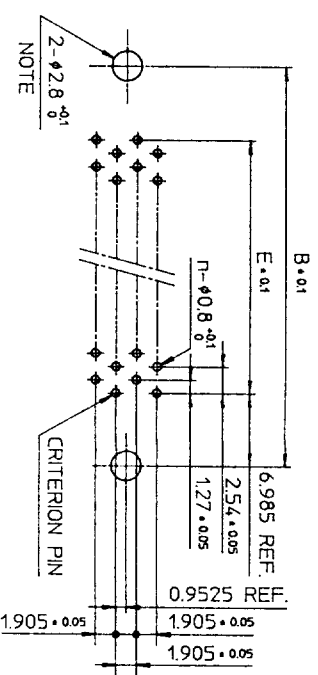
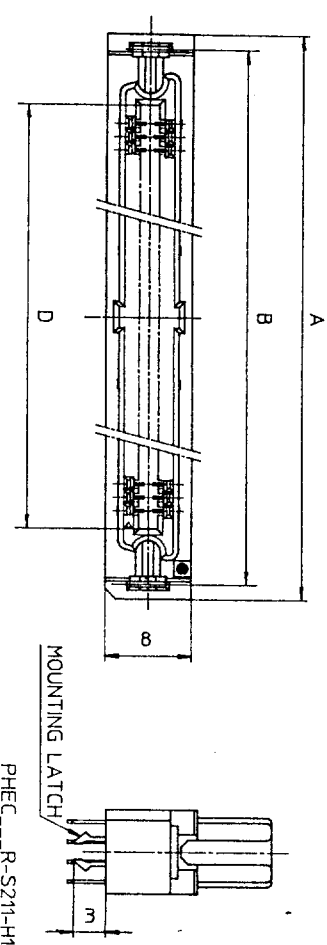
DRAWING NO.
JSC 90752

REV
5

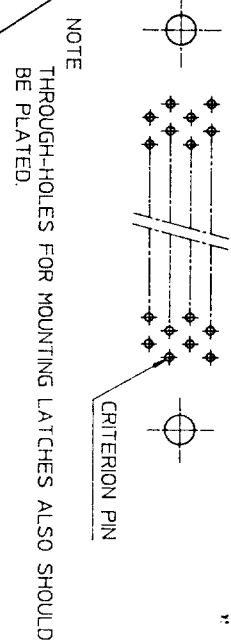
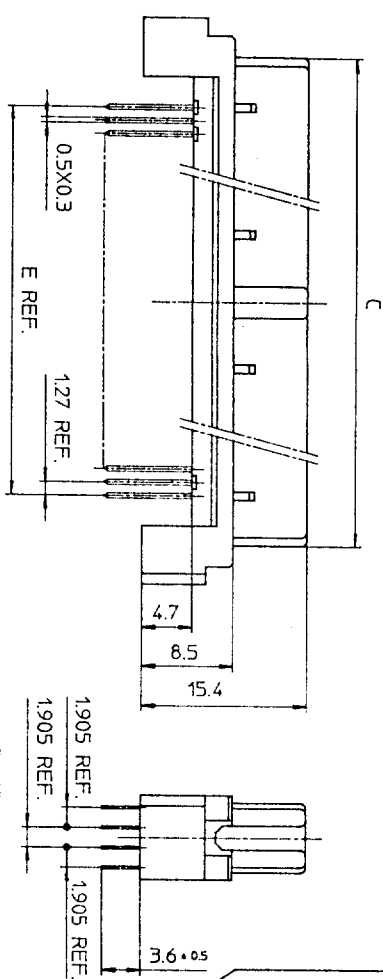
BURNDY
JAPAN, Ltd.

RECOMMENDED PC BOARD
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)

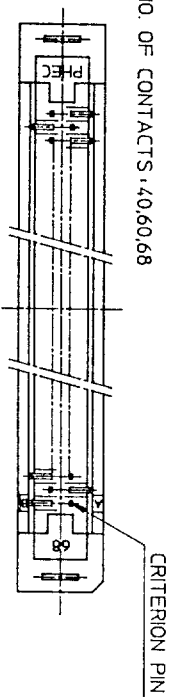
NO. OF CONTACTS: 40,60,68



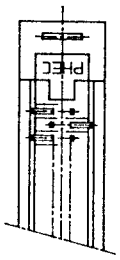
NO. OF CONTACTS: 30,34,50



NO. OF CONTACTS: 40,60,68



NO. OF CONTACTS: 30,34,50



TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3

CAT. NO.	NO. OF CONTACTS (MATING SIDE)	DIMENSIONS				
		A	B	C	D	E
PHEC30R-S21-H1	15/ROW X 2 ROWS	34.55	31.75	27.26	21.26	17.78
PHEC34R-S21-H1	17/ROW X 2 ROWS	37.09	34.29	29.8	23.8	20.32
PHEC40R-S21-H1	20/ROW X 2 ROWS	40.9	38.1	33.61	27.61	24.13
PHEC50R-S21-H1	25/ROW X 2 ROWS	47.25	44.45	39.96	33.96	30.48
PHEC60R-S21-H1	30/ROW X 2 ROWS	53.6	50.8	46.31	40.31	36.83
PHEC68R-S21-H1	34/ROW X 2 ROWS	58.68	55.88	51.39	45.39	41.91

MATERIAL

INSULATOR: PBT RESIN GLASS REINFORCED (UL94V-0)

COLOR: BLACK

CONTACT: PHOSPHOR BRONZE

MOUNTING LATCH: PHOSPHOR BRONZE

SOLDER PLATED

CONTACT PLATING TABLE

[THICKNESS: μm]

CONTACT AREA	REMAINDER
GOLD 0.25 MIN. OVER NICKEL 3.2	SOLDER OVER NICKEL

PRINTED CIRCUIT CONNECTOR
HIGH STAND OFF TYPE
CAT. NO.

PHEC_R-S21-H1

DRAWING NO. JSC 91840

REV 1

BURNDY JAPAN, Ltd.

DESIGNED

DRAWN *M. Oba*

CHECKED A. matsuo

APPROVED *S. Ito*

DATE Aug. 17, 1992

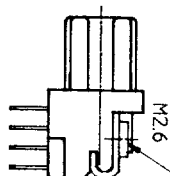
SCALE

DIM IN mm

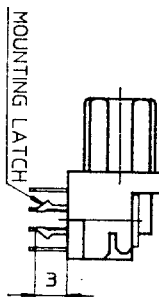
MATERIAL

REV	DATE	DESCRIPTION	CKD
1	93	WRONG CONTACT DIM. CORRECTED.	
2	93		
3	93		

SCREW NUT



PHEC...R-R212



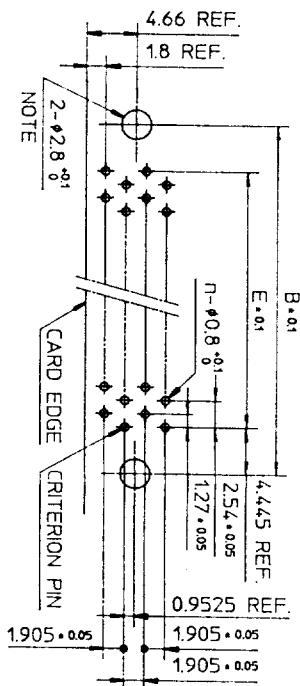
PHEC...R-R211

RECOMMENDED PC BOARD

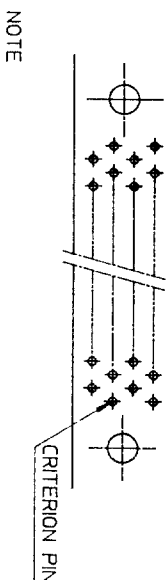
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)

NO. OF CONTACTS: 40,60,68,80,
100,120

n : NO. OF CONTACTS



NO. OF CONTACTS: 30,34,50

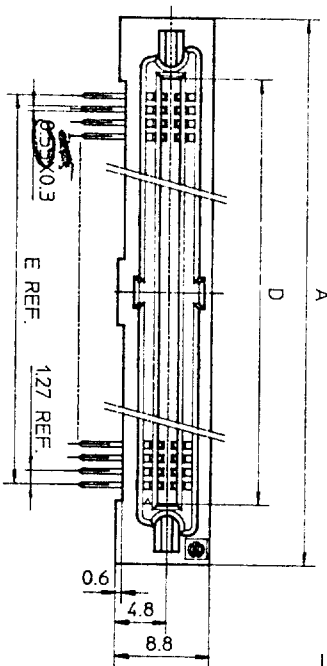


NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD
BE PLATED.

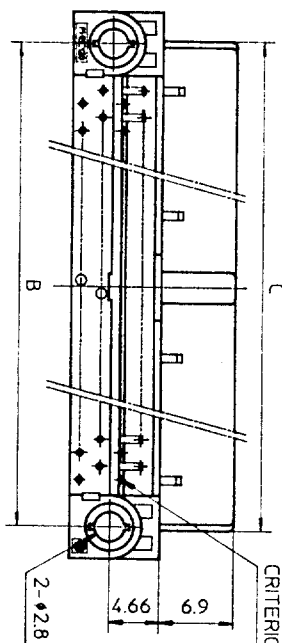
TOLERANCES

UNLESS OTHERWISE SPECIFIED, ±0.3

NO. OF CONTACTS: 40,60,68,80,100,120



CRITERION PIN



NO. OF CONTACTS: 30,34,50

MATERIAL

BODY: PBT RESIN GLASS REINFORCED (UL94V-0)
LOCATOR: COLOR, BLACK

CONTACT: PHOSPHOR BRONZE

MOUNTING LATCH: PHOSPHOR BRONZE

SOLDER PLATED

SCREW NUT: STEEL

NICKEL PLATED

CAT. NO.	NO. OF CONTACTS (MATING SIDE)	DIMENSIONS				
		A	B	C	D	E
PHEC30R-R21	15/ROW X 2 ROWS	32.67	26.67	27.26	21.26	17.78
PHEC34R-R21	17/ROW X 2 ROWS	35.21	29.21	29.8	23.8	20.32
PHEC40R-R21	20/ROW X 2 ROWS	39.02	33.02	33.61	27.61	24.13
PHEC50R-R21	25/ROW X 2 ROWS	45.37	39.37	39.96	33.96	30.48
PHEC60R-R21	30/ROW X 2 ROWS	51.72	45.72	46.31	40.31	36.83
PHEC68R-R21	34/ROW X 2 ROWS	56.8	50.8	51.39	45.39	41.91
PHEC80R-R21	40/ROW X 2 ROWS	64.42	58.42	59.01	53.01	49.53
PHEC100R-R21	50/ROW X 2 ROWS	77.12	71.12	71.71	65.71	62.23
PHEC120R-R21	60/ROW X 2 ROWS	89.82	83.82	84.41	78.41	74.93

CONTACT PLATING TABLE

(THICKNESS: μm)

CONTACT AREA	REMAINDER
GOLD 0.25 MIN.	SOLDER
OVER NICKEL 3.2	OVER NICKEL

SCALE

DIM. IN mm

MATERIAL

DESIGNED

DRAWN

CHECKED

APPROVED

DATE

PRINTED CIRCUIT CONNECTOR

CAT. NO.

PHEC...R-R21

DRAWING NO.

JSC 90738

REV

BURNDY
JAPAN, Ltd.

DRAWING NO.
JSC 90738

REV.	DATE	DESCRIPTION	CKD
3	92-8-11	30,34,50,68 POSITIONS ADDED.	W. J.
2	90-6-8	EC 7866	No
1	90-4-20	EC 7837	No

EC-PHEC 02