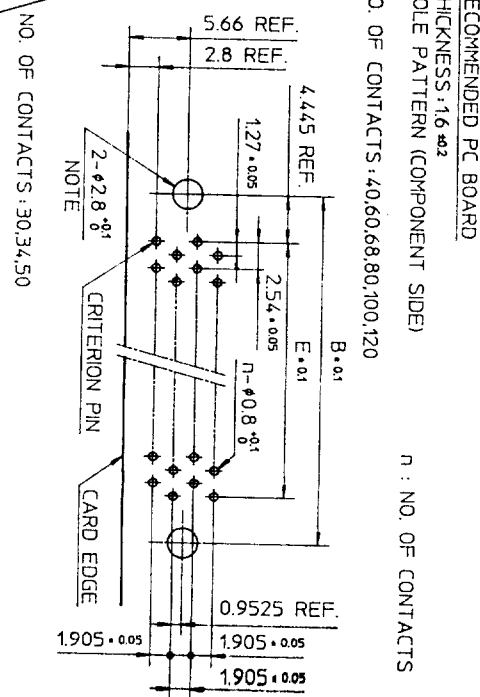
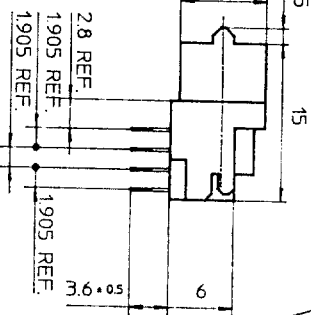
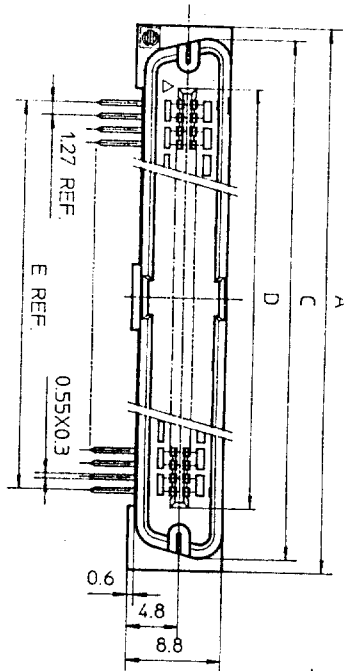
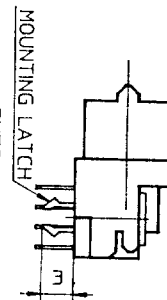
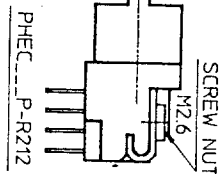
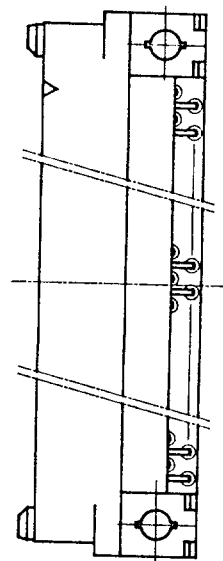
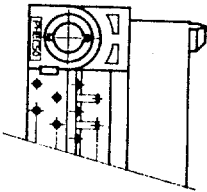
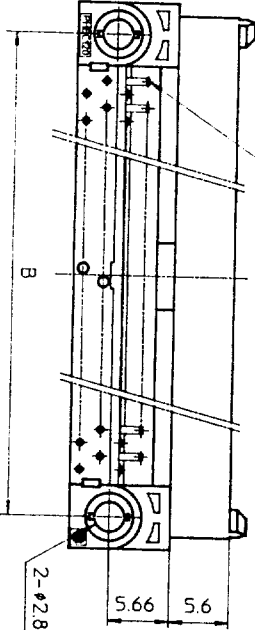


NO. OF CONTACTS: 40, 60, 68, 80, 100, 120
CRITERION PIN

NO. OF CONTACTS: 30, 34, 50



MATERIAL

BODY

LOCATOR

CONTACT

MOUNTING LATCH

SCREW NUT

NICKEL PLATED

STEEL

PHOSPHOR BRONZE

SOLDER PLATED

DRAWING NO. JSC 90736

CAT. NO.	NO. OF CONTACTS (MATING SIDE)	DIMENSIONS				
		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

CONTACT PLATING TABLE
(THICKNESS: μm)

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

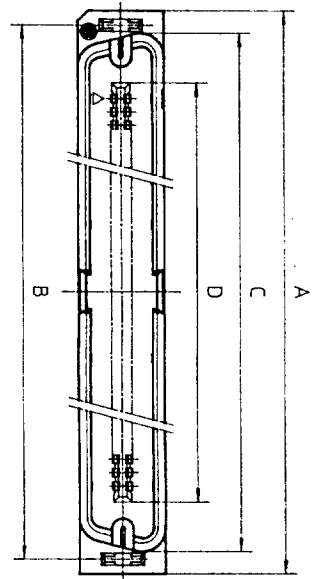
PRINTED CIRCUIT CONNECTOR

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

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

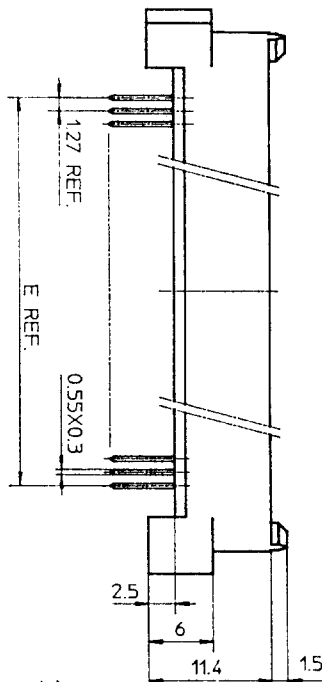
SCALE	
DIM. IN	mm
MATERIAL	

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



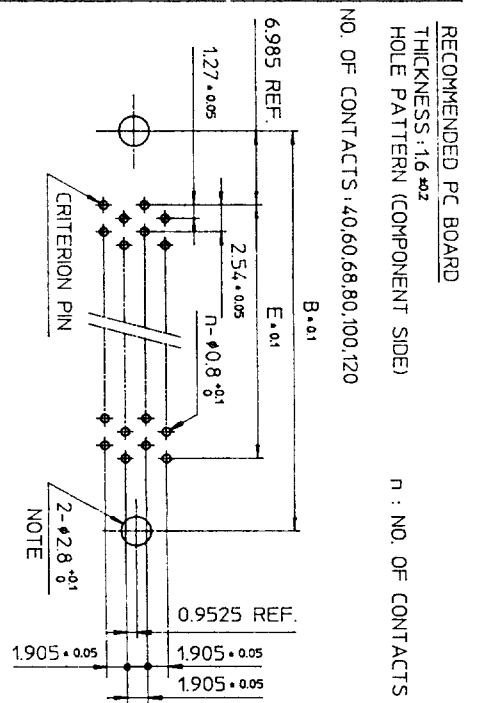
MOUNTING LATCH/

PHEC-P-S21

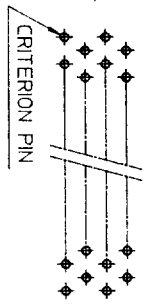


1905 REF.
1905 REF.
PHEC-P-S210

PHEC-P-S210

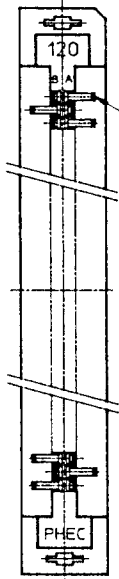


NO. OF CONTACTS: 30,34,50



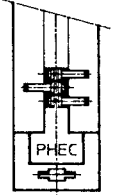
NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD
BE PLATED.

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3



CRITERION PIN

NO. OF CONTACTS: 30,34,50



MATERIAL

INSULATOR: NYLON RESIN GLASS REINFORCED (UL94V-0)

COLOR: BLACK

CONTACT: COPPER ALLOY

MOUNTING LATCH: PHOSPHOR BRONZE

SOLDER PLATED

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

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

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

EC 7837

No

No

JK

JK

REV

DATE

DESCRIPTION

CHKD

REFERENCE

30,34,50,68 POSITIONS ADDED.

EC 7866

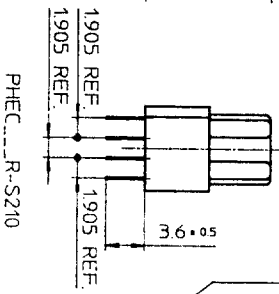
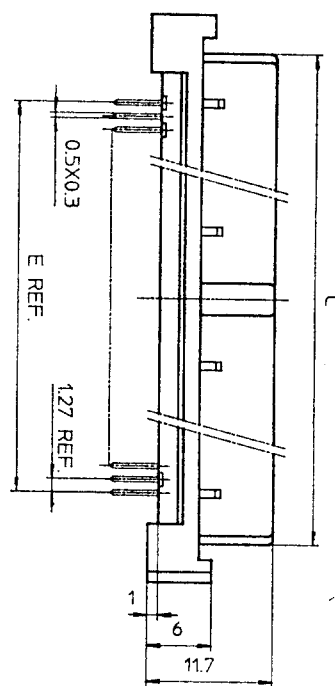
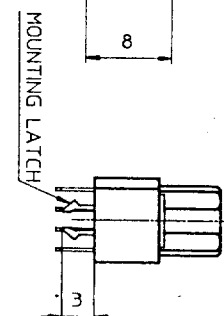
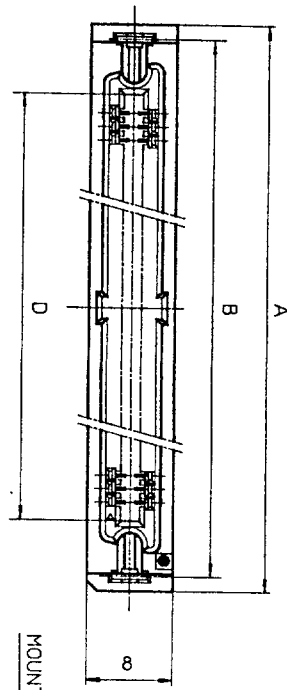
EC 7837

No

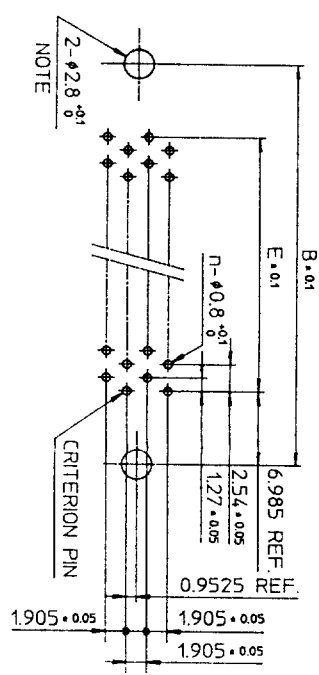
No

JK

JK

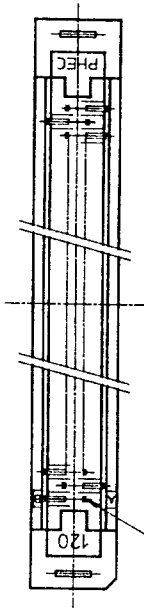


RECOMMENDED PC BOARD
THICKNESS: 1.6 ± 0.2
HOLE PATTERN (COMPONENT SIDE)
NO. OF CONTACTS: 40, 60, 80, 100, 120
N: NO. OF CONTACTS

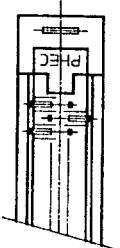


NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.
CRITERION PIN

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

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3

CONTACT PLATING TABLE

(THICKNESS: μm)

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

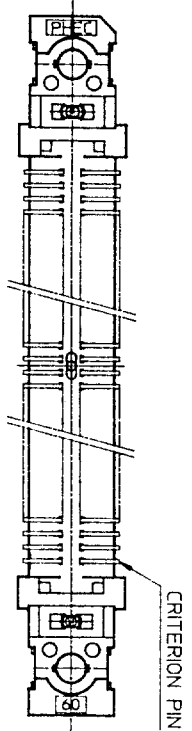
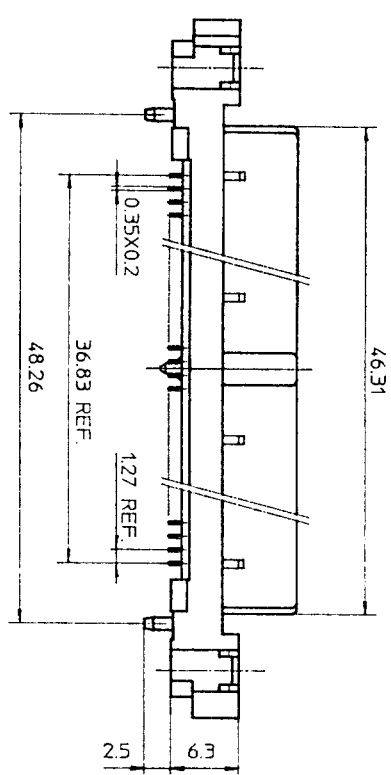
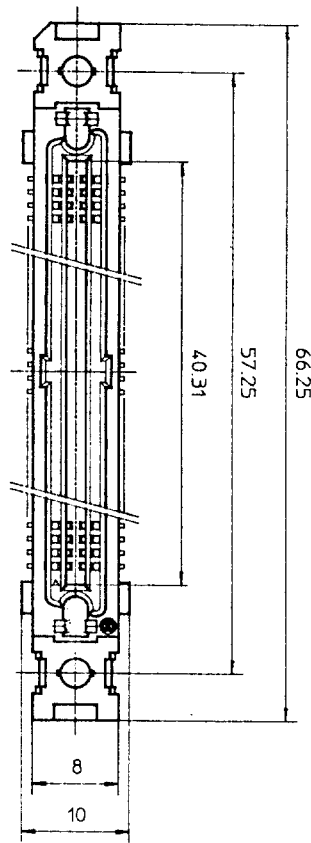
PRINTED CIRCUIT CONNECTOR

CAT. NO. PHEC...R-S21
DRAWING NO. JSC 90737
REV 4
BURNDY JAPAN Ltd.

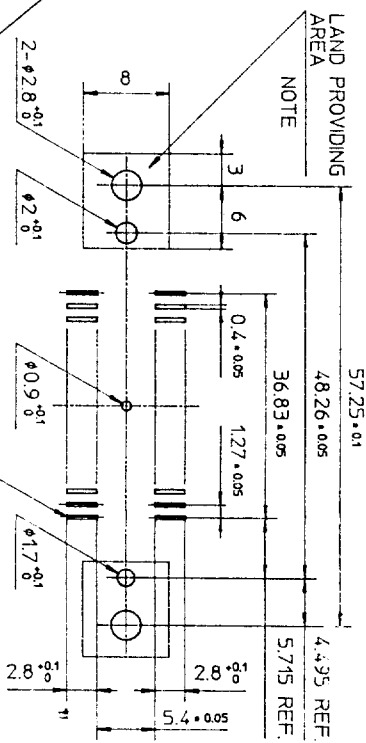
DESIGNED
DRAWN M. Oba
CHECKED H. Eki
APPROVED T. Koyachi
DATE Mar. 8, 1990

SCALE
DIM. IN mm
MATERIAL

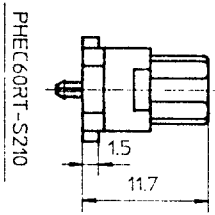
REV	DATE	DESCRIPTION	CKD
93	1-29	WRONG CONTACT DIM. CORRECTED.	
92	3-8-11	30,34,50,68 POSITIONS ADDED No 5.9	
90	5-30	EC 7866 No JK	
90	4-20	EC 7837 No JK	
REV	DATE	DESCRIPTION	CKD
REFERENCE			



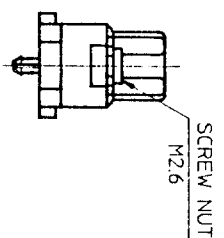
RECOMMENDED PC BOARD
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)



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	

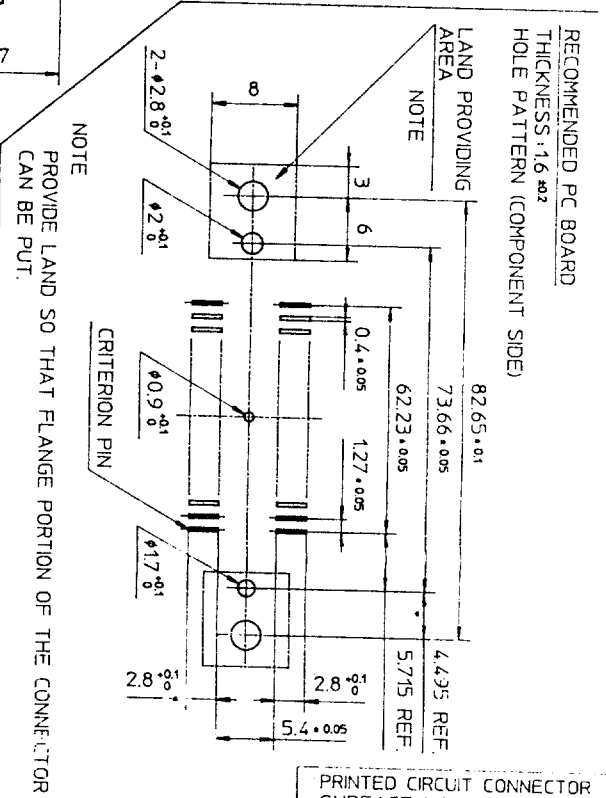
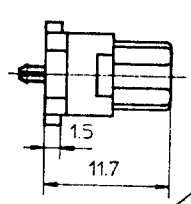
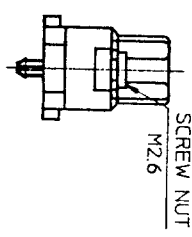
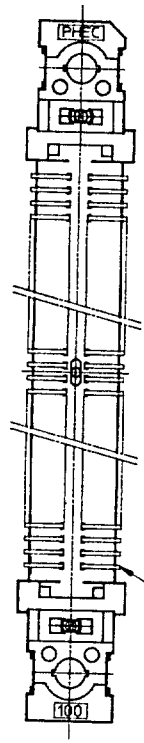
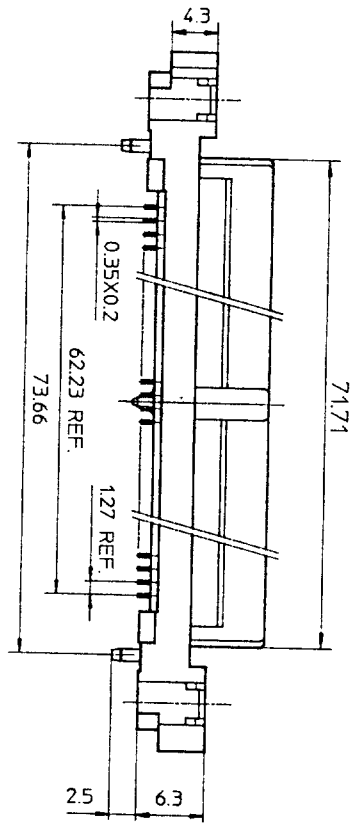
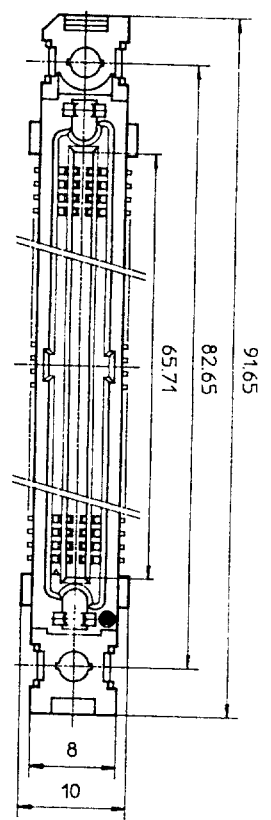
PRINTED CIRCUIT CONNECTOR
SURFACE MOUNT TYPE

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.



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.	SOLDER
OVER NICKEL 3Z	OVER NICKEL

PRINTED CIRCUIT CONNECTOR
SURFACE MOUNT TYPE

CAT. NO.	PHEC100RT-S21
DRAWING NO.	JSC 91839
REV	0

BURNDY
JAPAN, Ltd.

DESIGNED
DRAWN
CHECKED
APPROVED
DATE Aug. 11, 1992

SCALE
DIM. IN
MATERIAL

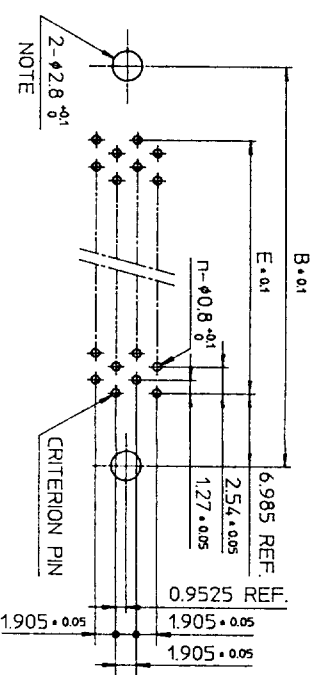
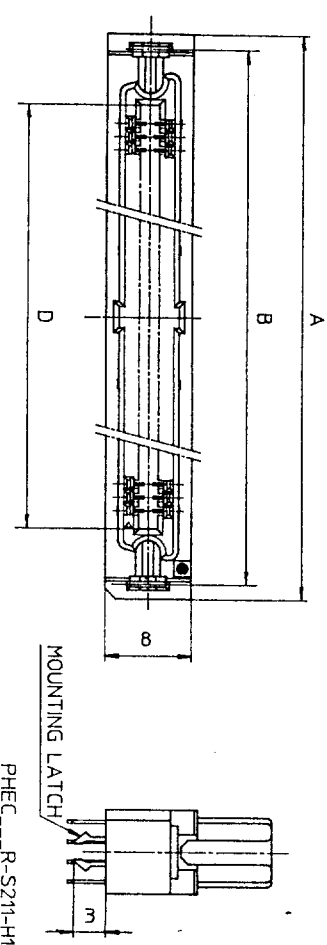
REV	DATE	DESCRIPTION	CKD.

DRAWING NO.
JSC 91839

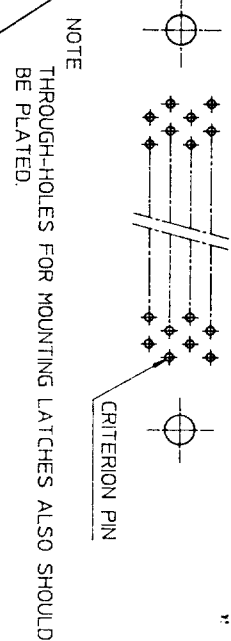
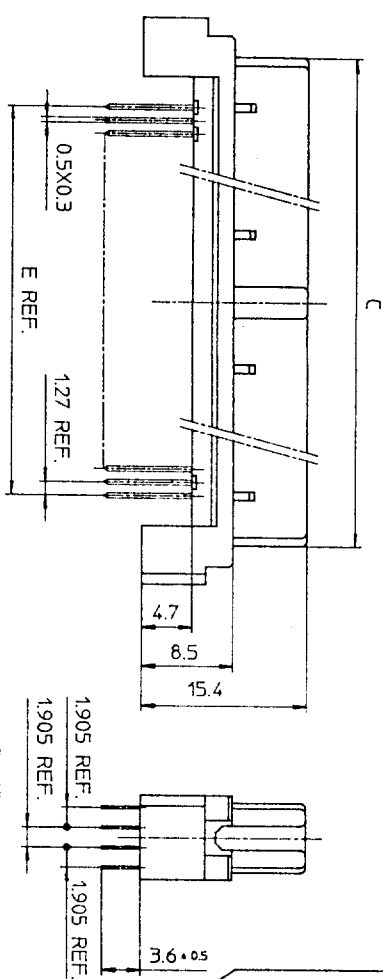
PRINTED CIRCUIT CONNECTOR HIGH STAND OFF TYPE	
CAT. NO. _____	
PHEC___R-S21_-H	
DRAWING NO. _____	REV. _____
JSC 90752	5
 BURNDY JAPAN LTD.	

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

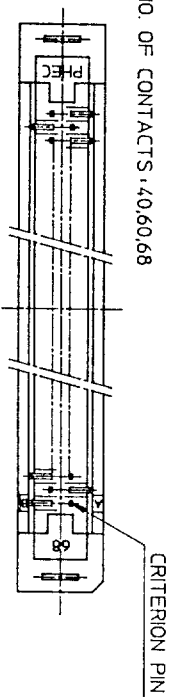
NO. OF CONTACTS: 40,60,68



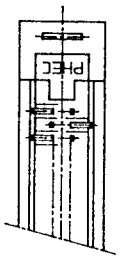
NO. OF CONTACTS: 30,34,50



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

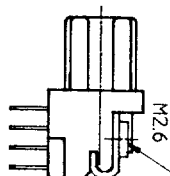
SCALE

DIM IN mm

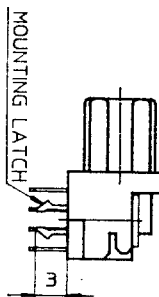
MATERIAL

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

SCREW NUT



PHEC...R-R212



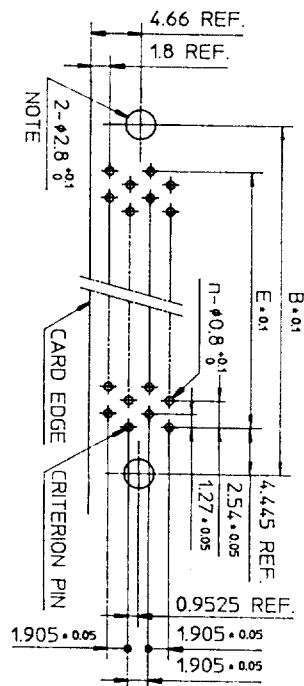
PHEC...R-R211

RECOMMENDED PC BOARD

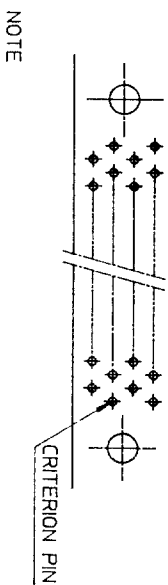
THICKNESS: 1.6 ± 0.2
HOLE PATTERN (COMPONENT SIDE)

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

n : NO. OF CONTACTS



NO. OF CONTACTS: 30, 34, 50

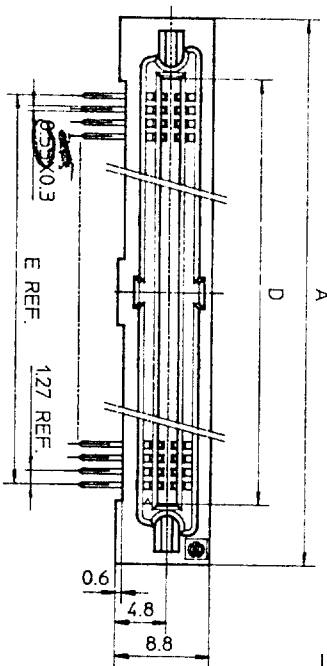


NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.

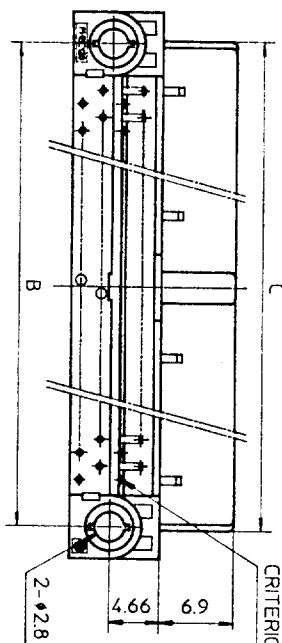
TOLERANCES

UNLESS OTHERWISE SPECIFIED, ±0.3

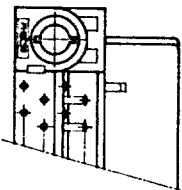
NO. OF CONTACTS: 40, 60, 68, 80, 100, 120



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. OVER NICKEL 3.2	SOLDER OVER NICKEL

SCALE

DIM. IN mm

MATERIAL

DESIGNED

DRAWN M. Oda

CHECKED 4.64

APPROVED T. Hasegawa

DATE Mar. 8, 1990

PRINTED CIRCUIT CONNECTOR

CAT. NO.

PHEC...R-R21

DRAWING NO.

JSC 90738

REV

3

BURNDY JAPAN, Ltd.

DRAWING NO.
JSC 90738

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

REFERENCE

EC-PHEC 02