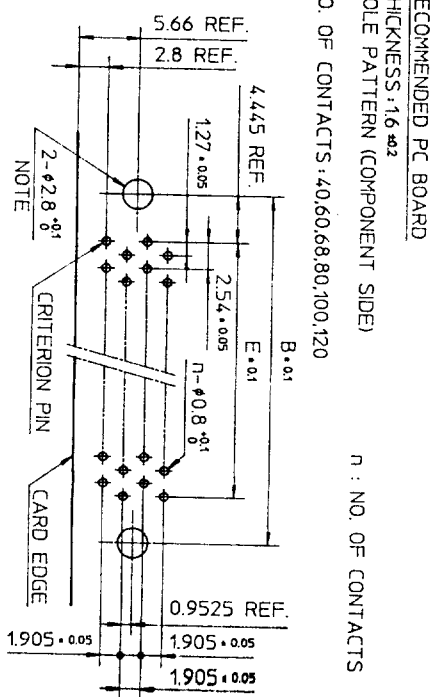
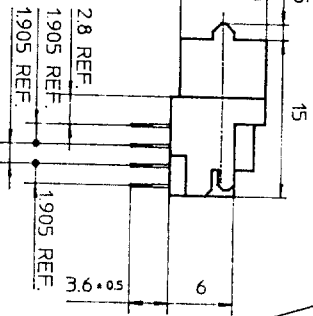
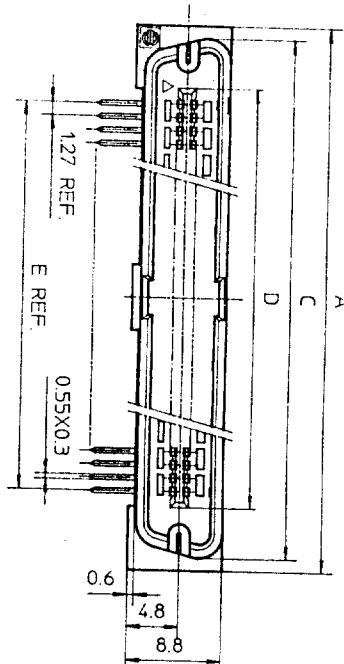
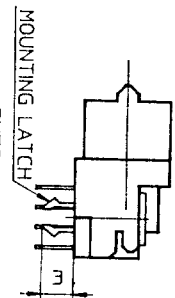
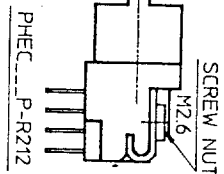
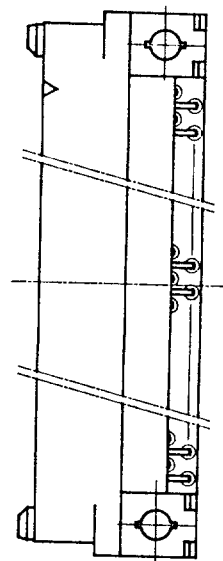
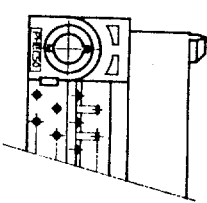
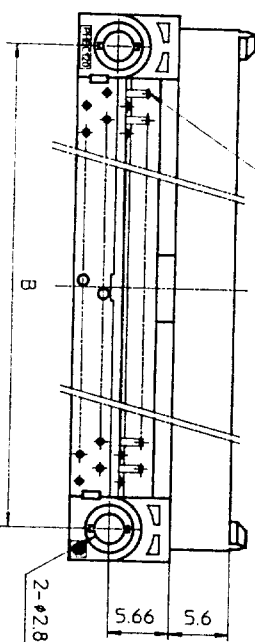


NO. OF CONTACTS: 40, 60, 68, 80, 100, 120
CRITERION PIN

NO. OF CONTACTS: 30, 34, 50



MATERIAL

BODY

: NYLON RESIN GLASS REINFORCED (UL94V-0)

LOCATOR

: PBT RESIN GLASS REINFORCED (UL94V-0)

COLOR

: BLACK

CONTACT

: COPPER ALLOY

MOUNTING LATCH

: PHOSPHOR BRONZE

SCREW NUT

: STEEL

NICKEL PLATED

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3

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

CONTACT PLATING TABLE

(THICKNESS: μm)

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

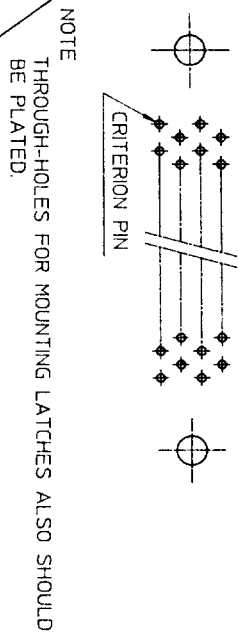
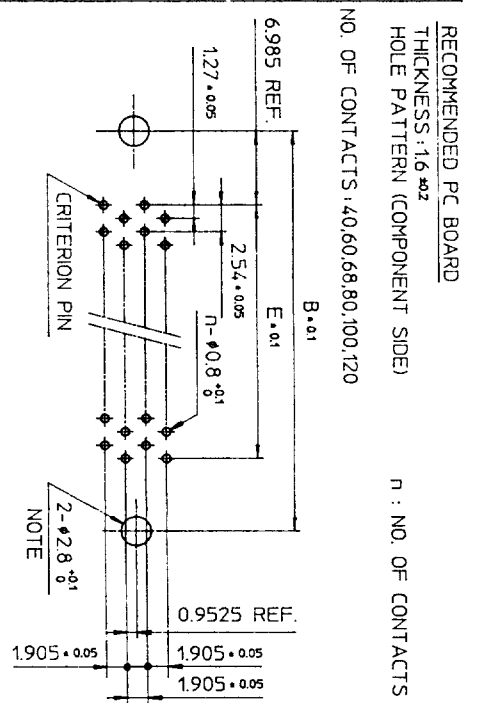
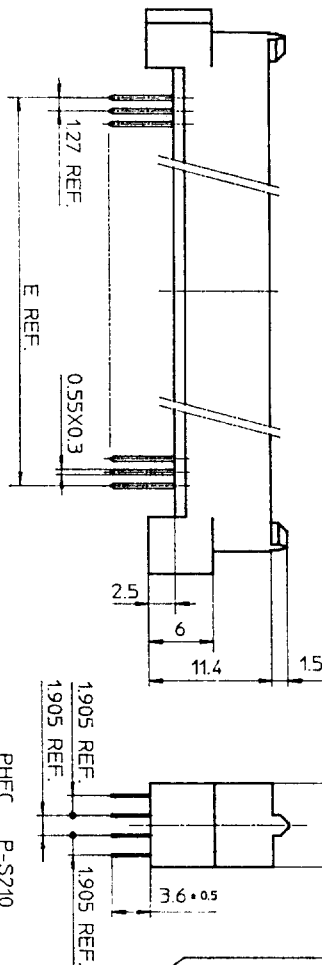
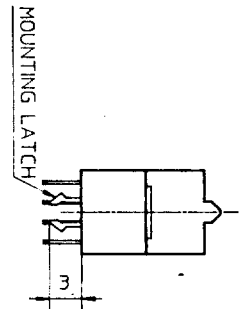
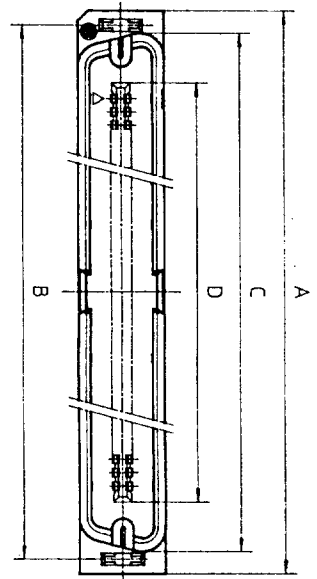
PRINTED CIRCUIT CONNECTOR

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	

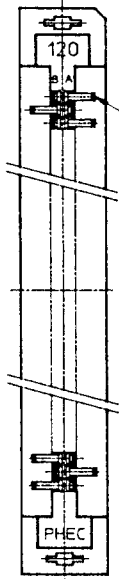
SCALE	
DIM. IN	mm
MATERIAL	

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

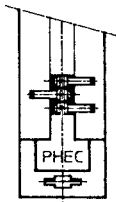


TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3

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

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

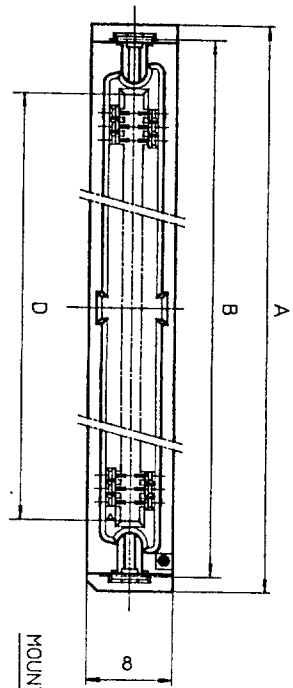


REV	DATE	DESCRIPTION	CHK
1	8-11 '92	30,34,50,68 POSITIONS ADDED.	JSC
2	6-5 '90	EC 7866	JSC
1	4-20 '90	EC 7837	JSC

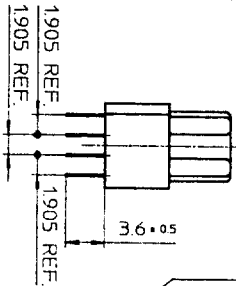
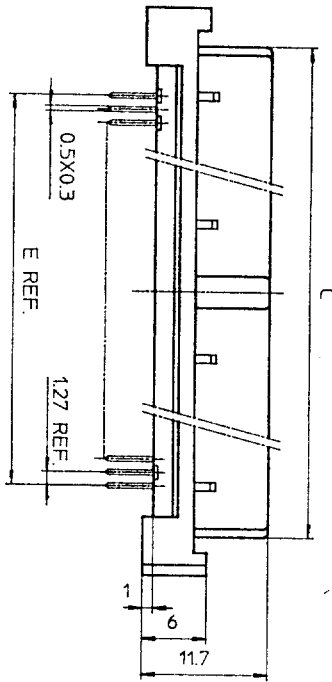
REFERENCE

10-PHEC 02

DRAWING NO
JSC 90735

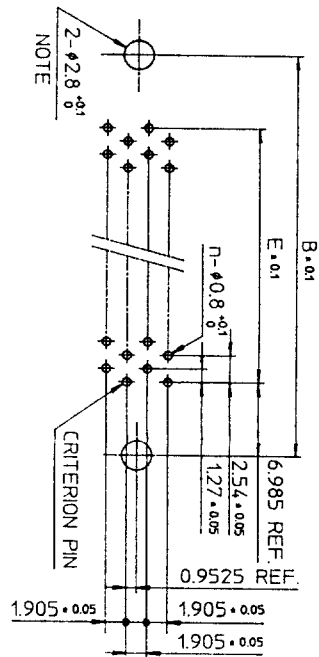


PHEC...R-S211



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

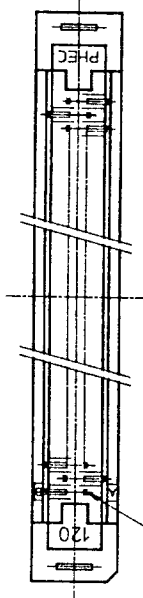


NO. OF CONTACTS: 30, 34, 50

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

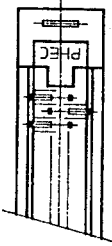
CRITERION PIN

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



CRITERION PIN

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

CONTACT PLATING TABLE

(THICKNESS: μm)

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

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3

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

PRINTED CIRCUIT CONNECTOR

CAT. NO.

PHEC...R-S21

DRAWING NO.

JSC 90737

BURNDY
JAPAN, Ltd.

DESIGNED

DRAWN

CHECKED

APPROVED

DATE

Mar. 8, 1990

SCALE

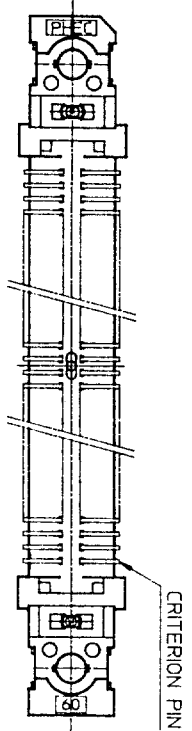
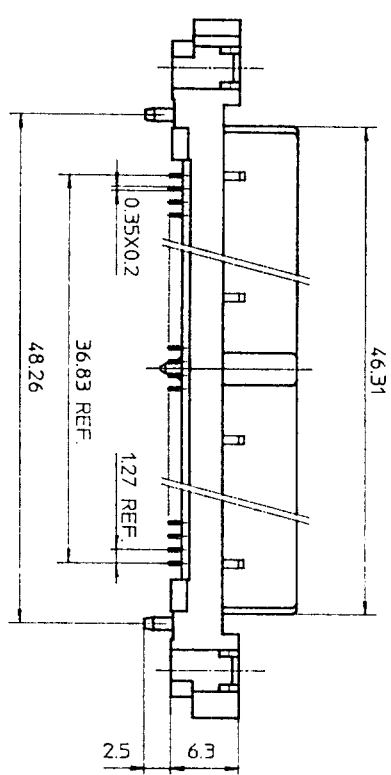
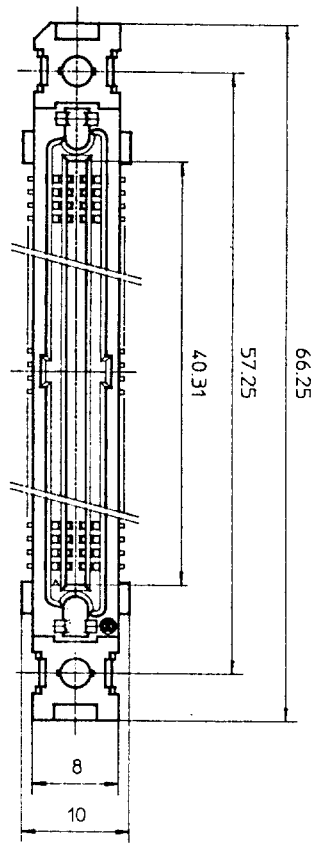
DIM. IN

MATERIAL

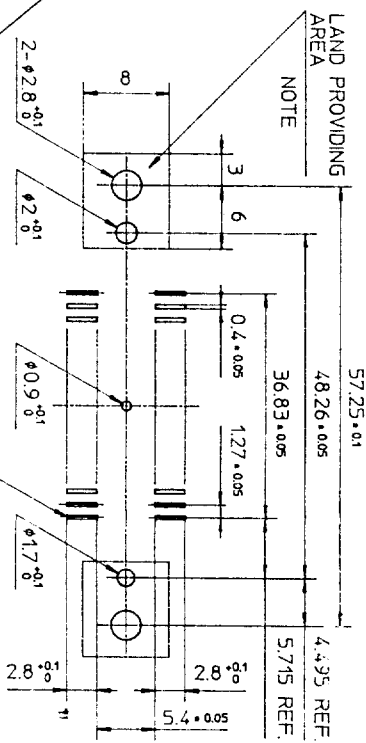
mm

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

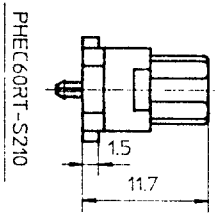
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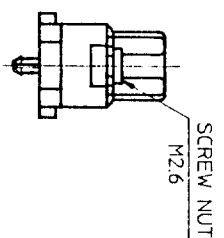
RECOMMENDED PC BOARD
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)



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



PHEC60RT-S210



PHEC60RT-S212

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: 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.

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]

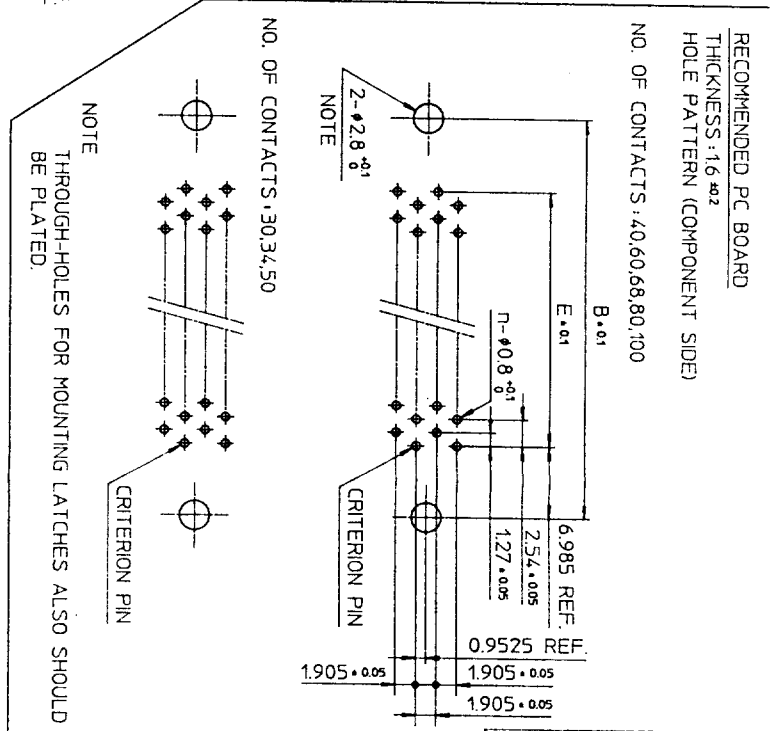
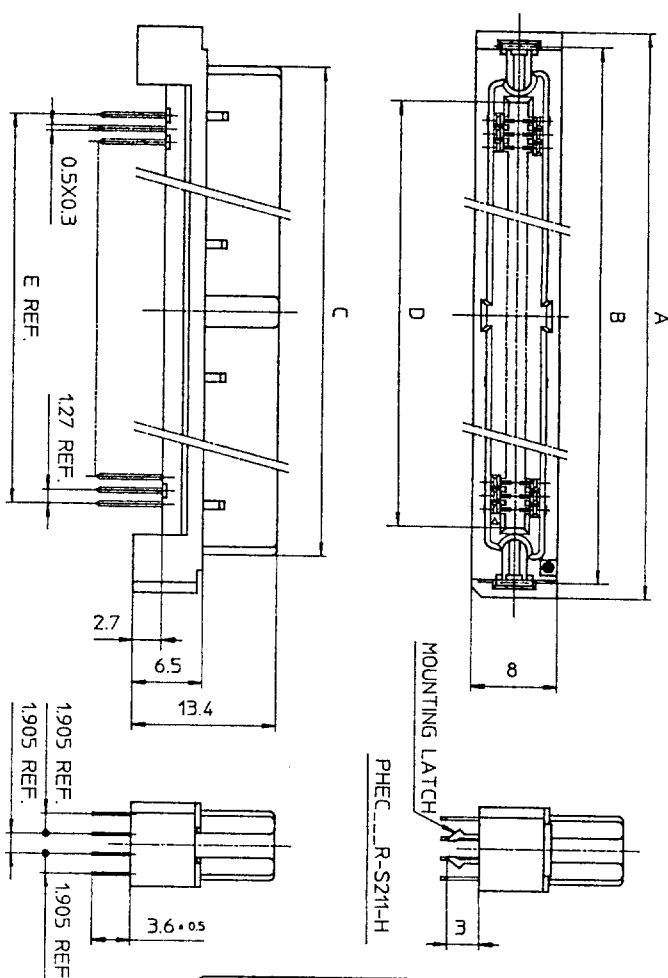
CONTACT AREA	REMAINDER
GOLD 0.25 MIN OVER NICKEL 3.2	SOLDER OVER NICKEL

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



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

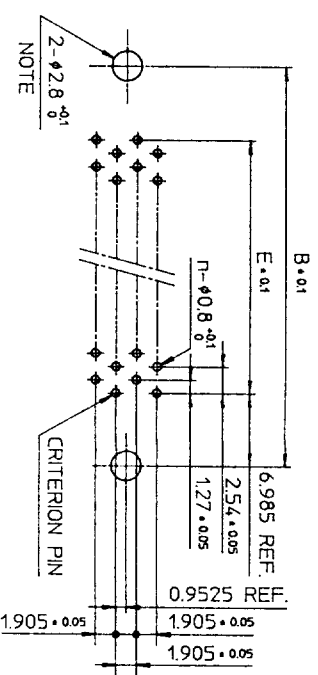
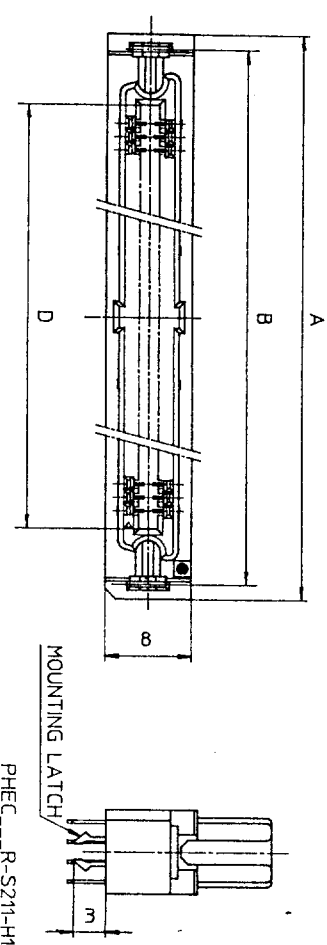
SCALE	DESIGNED	CAT. NO.
DIM. IN mm	DRAWN	PHEC...R-S21-H
MATERIAL	CHECKED	DRAWING NO.
	APPROVED	REV
	DATE	

PRINTED CIRCUIT CONNECTOR
HIGH STAND OFF TYPE

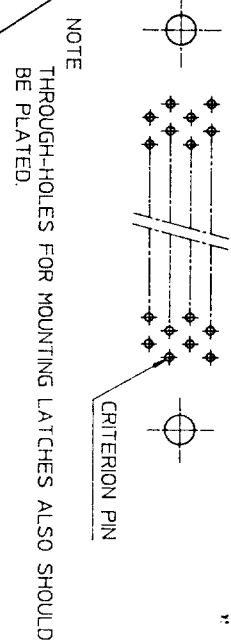
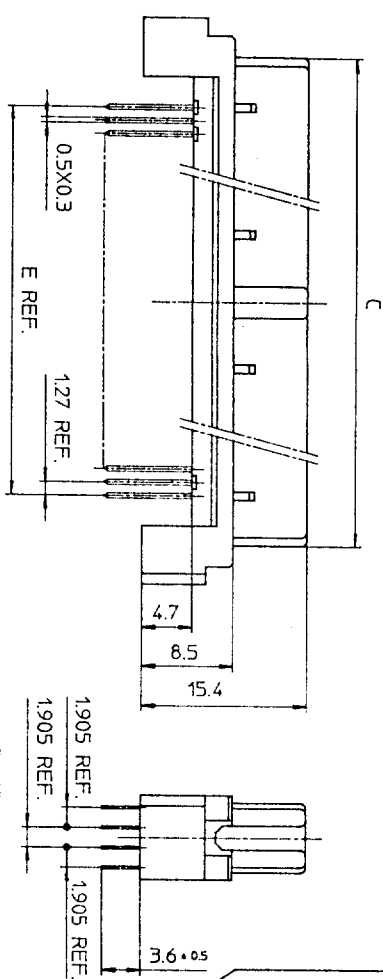
BURNDY
JAPAN, Ltd.

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

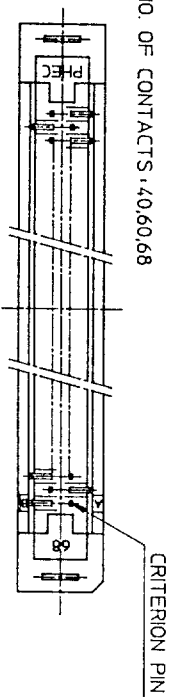
NO. OF CONTACTS: 40,60,68



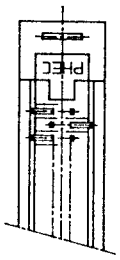
NO. OF CONTACTS: 30,34,50



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

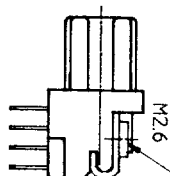
SCALE

DIM IN mm

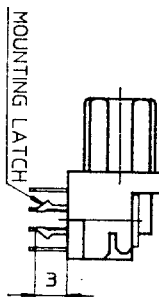
MATERIAL

REV	DATE	DESCRIPTION	CKD
1	93	WRONG CONTACT DIM. CORRECTED.	
2	93		
3	93		
4	93		
5	93		
6	93		
7	93		
8	93		
9	93		
10	93		

SCREW NUT



PHEC...R-R212



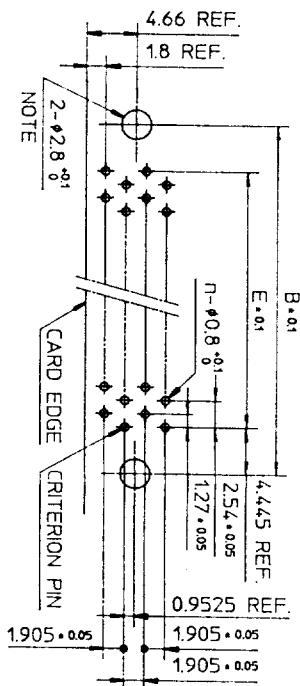
PHEC...R-R211

RECOMMENDED PC BOARD

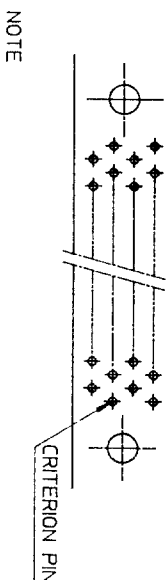
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)

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

n : NO. OF CONTACTS



NO. OF CONTACTS: 30,34,50

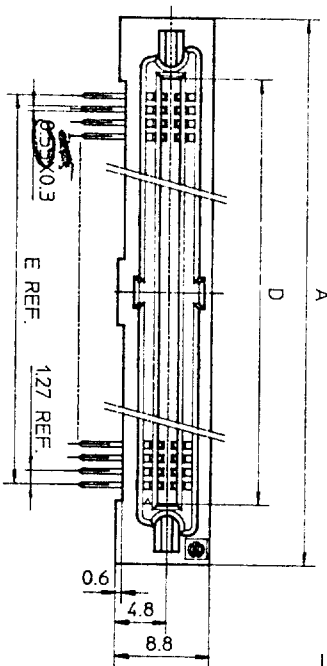


NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.

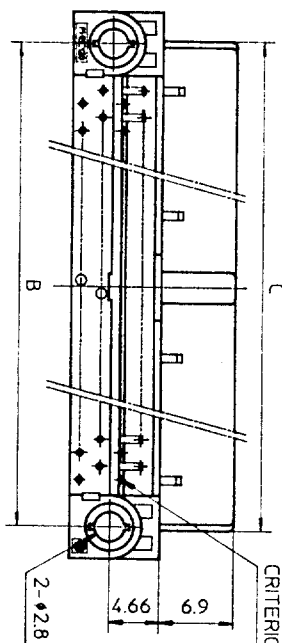
TOLERANCES

UNLESS OTHERWISE SPECIFIED, ±0.3

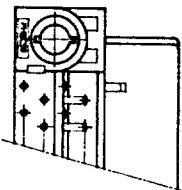
NO. OF CONTACTS: 40,60,68,80,100,120



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 J. H. J. J.

DATE Mar. 8, 1990

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

REFERENCE

EC-PHEC 02