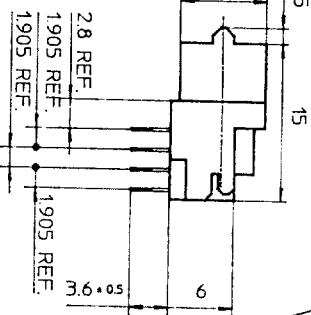
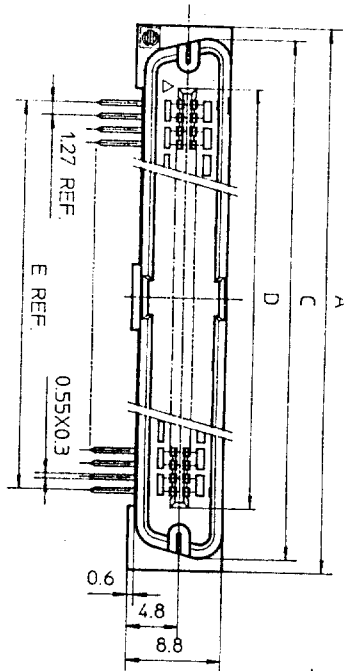
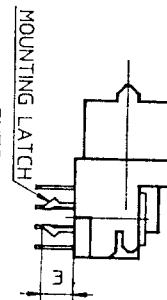
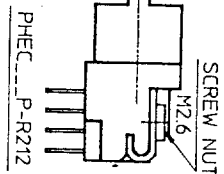
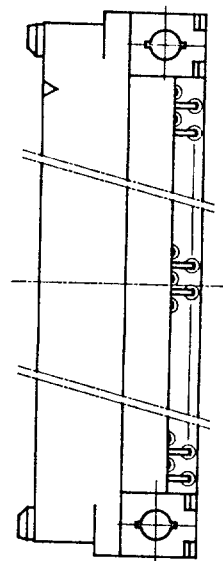
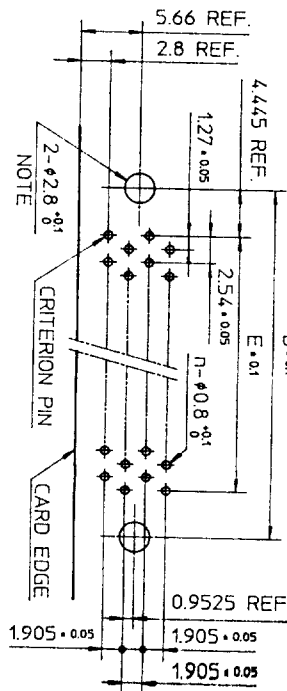


RECOMMENDED PC BOARD
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)
NO. OF CONTACTS: 40, 60, 68, 80, 100, 120

n : NO. OF CONTACTS



NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD
BE 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. OVER NICKEL 32 OVER NICKEL	SOLDER

MATERIAL
BODY : NYLON RESIN GLASS REINFORCED (UL94V-0)
COLOR : BLACK
LOCATOR : PBT RESIN GLASS REINFORCED (UL94V-0)
COLOR : BLACK
CONTACT : COPPER ALLOY
MOUNTING LATCH : PHOSPHOR BRONZE
SCREW NUT : STEEL
NICKEL PLATED

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

NO. OF CONTACTS: 30, 34, 50

DRAWING NO.
JSC 90736

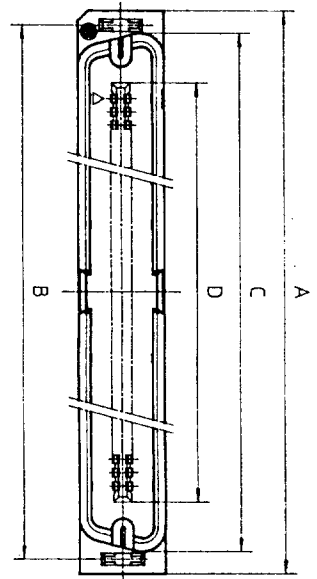
PRINTED CIRCUIT CONNECTOR

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

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

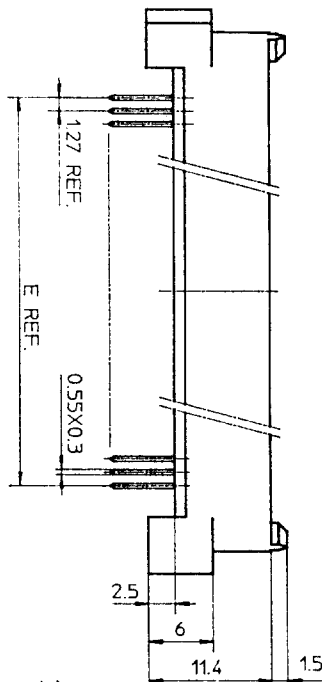
SCALE	
DIM. IN	mm
MATERIAL	

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



MOUNTING LATCH/

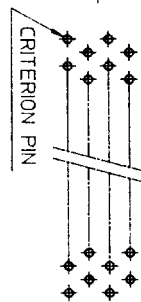
PHEC-P-S21



1905 REF.
1905 REF.
1905 REF.

PHEC-P-S210

NO. OF CONTACTS : 30,34,50



NOTE

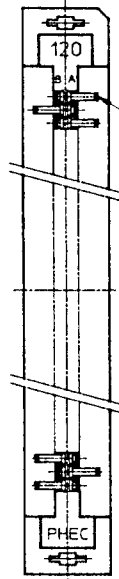
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.

TOLERANCES

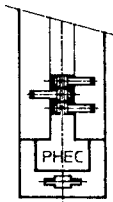
UNLESS OTHERWISE SPECIFIED : ±0.3

CRITERION PIN

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



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

Mar. 8, 1990

SCALE

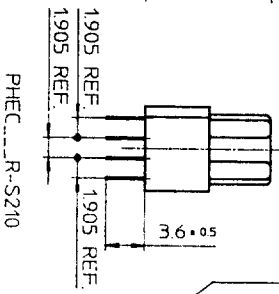
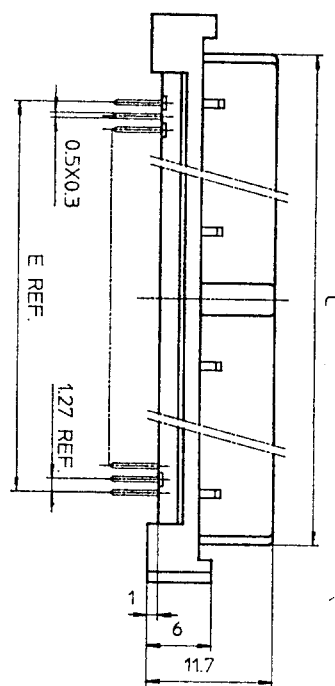
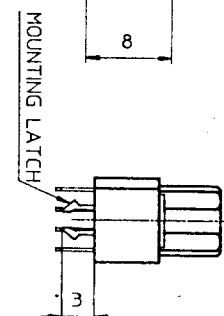
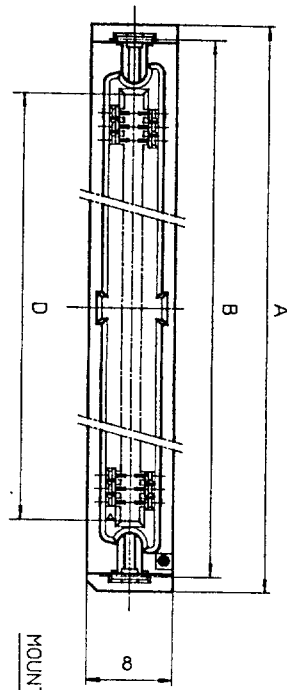
DIM IN

MATERIAL

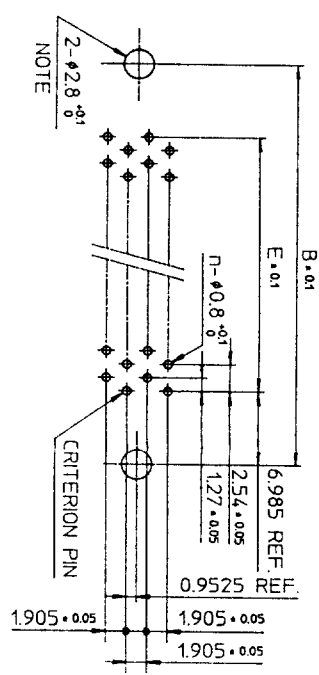
REV	DATE	DESCRIPTION	CHK
1	8-11 '92	30,34,50,68 POSITIONS ADDED.	JSC
2	6-5 '90	EC 7866	JSC
1	4-20 '90	EC 7837	JSC

REFERENCE

10-PHEC 02

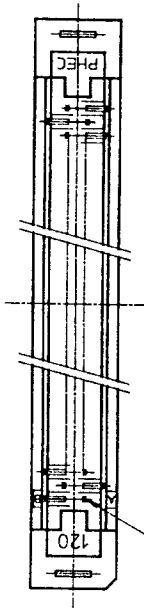


RECOMMENDED PC BOARD
THICKNESS: 1.6 ± 0.2
HOLE PATTERN (COMPONENT SIDE)
NO. OF CONTACTS: 40, 60, 80, 100, 120
N: NO. OF CONTACTS

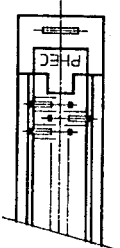


NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.
CRITERION PIN

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)

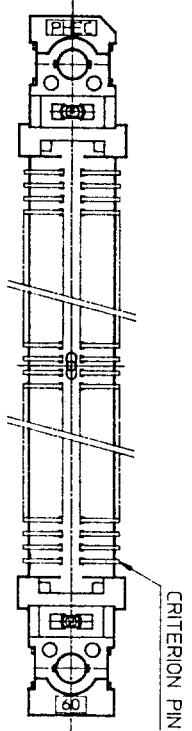
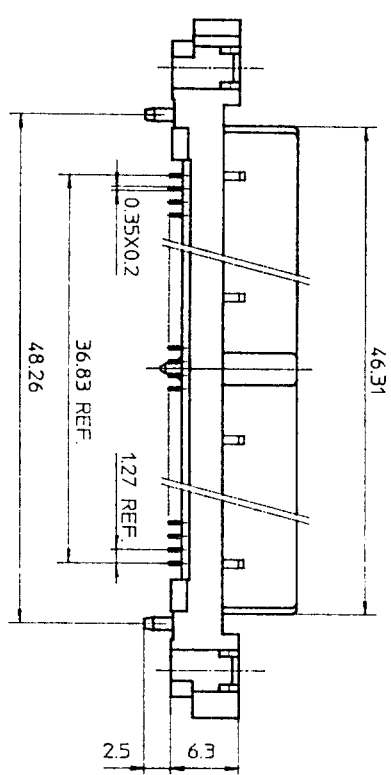
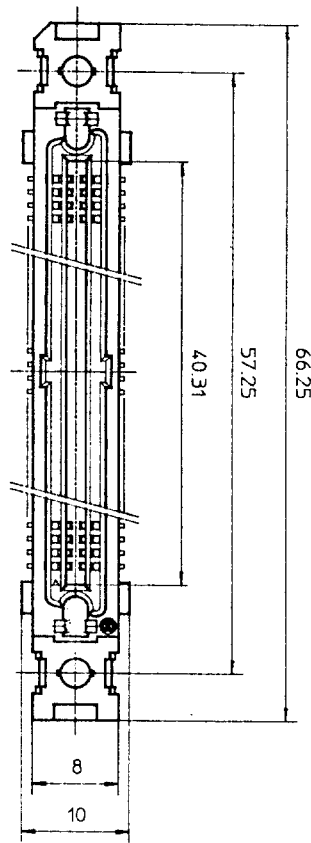
CONTACT AREA	REMAINDER
GOLD 0.25 MIN. OVER NICKEL 3.2	SOLDER OVER NICKEL

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

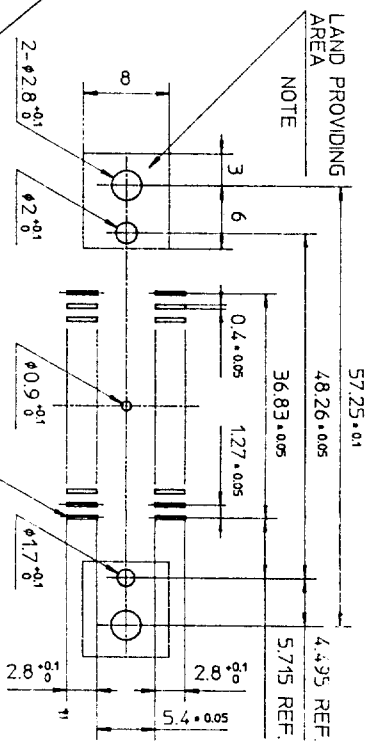
DESIGNED
DRAWN M. Oba
CHECKED H. Oba
APPROVED T. Hasegawa
DATE Mar. 8, 1990

SCALE
DIM. IN mm
MATERIAL

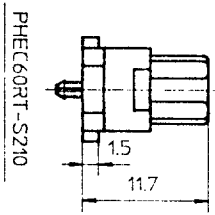
REV	DATE	DESCRIPTION	CKD
93	1-29	WRONG CONTACT DIM. CORRECTED.	
92	3-8-11	30,34,50,68 POSITIONS ADDED No 5.9	
90	5-30	EC 7866 No JK	
90	4-20	EC 7837 No JK	
REFERENCE			



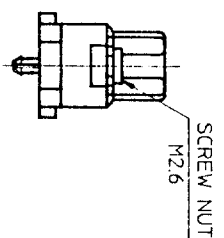
RECOMMENDED PC BOARD
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)



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	

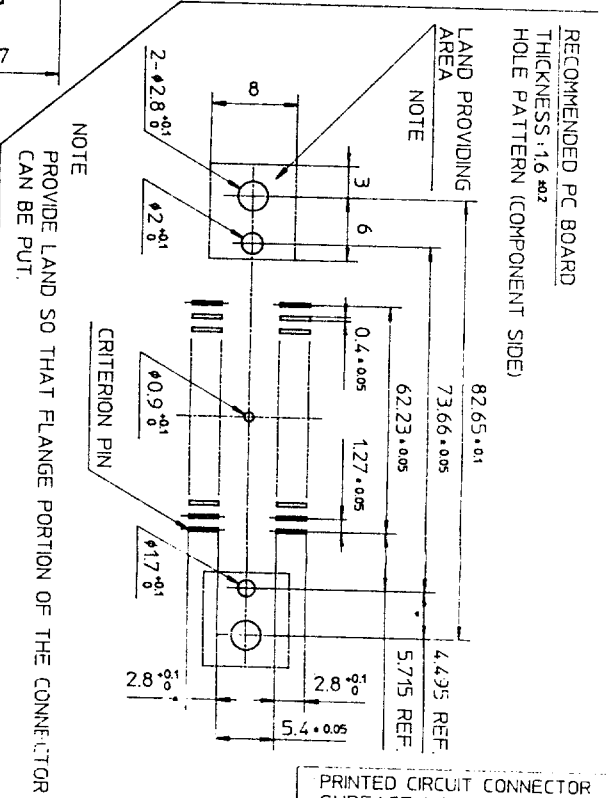
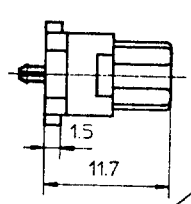
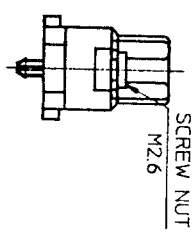
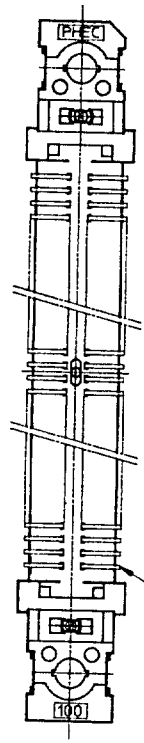
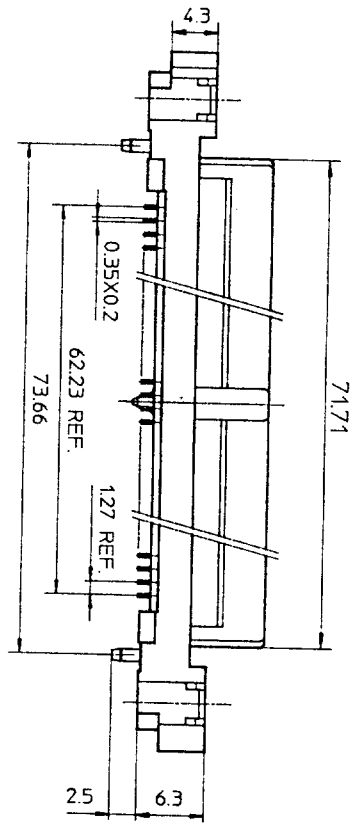
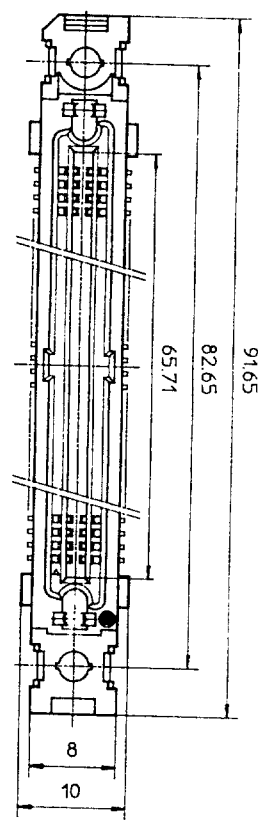
PRINTED CIRCUIT CONNECTOR
SURFACE MOUNT TYPE

REV	DATE	DESCRIPTION	CHKD.
4	8-14	WRONG CONTACT DIM. CORRECTED	
3	1-8	100 POSITIONS OF DELETED.	
2	6-8	DIM. CHANGED.	
1	4-20	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 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]

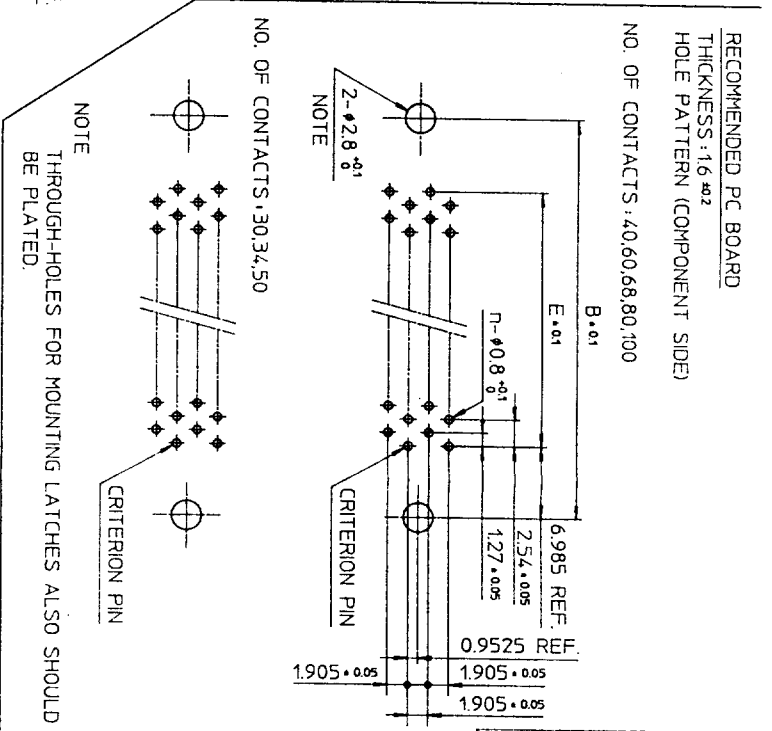
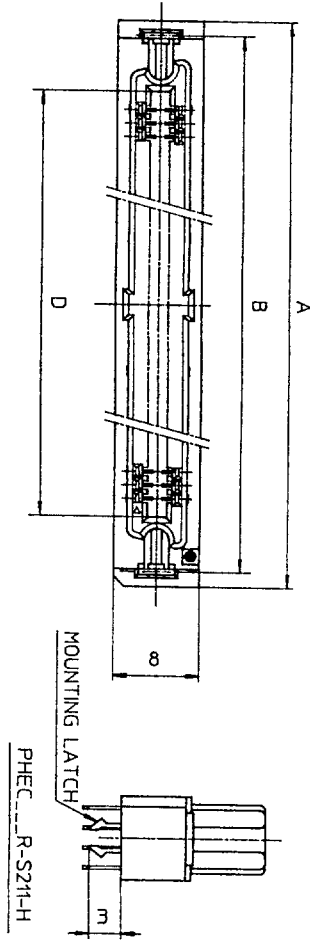
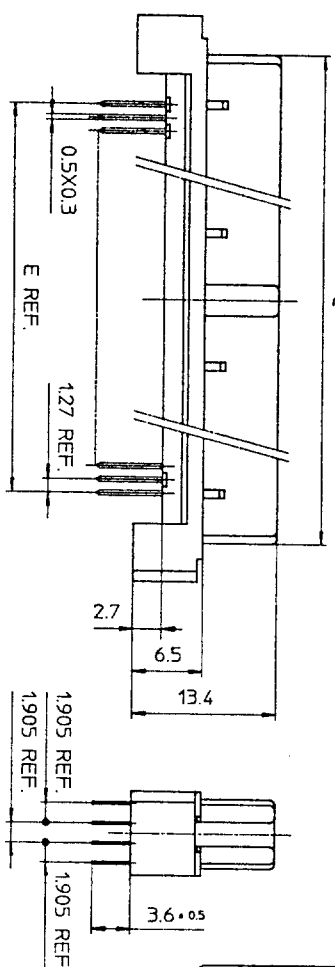
CONTACT AREA	REMAINDER
GOLD 0.25 MIN OVER NICKEL 3.2	SOLDER OVER NICKEL

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



RECOMMENDED PC BOARD
THICKNESS: 1.6 ± 0.2
HOLE PATTERN (COMPONENT SIDE)
NO. OF CONTACTS: 40,60,68,80,100

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

CAT. NO.
PHEC...R-S21-H

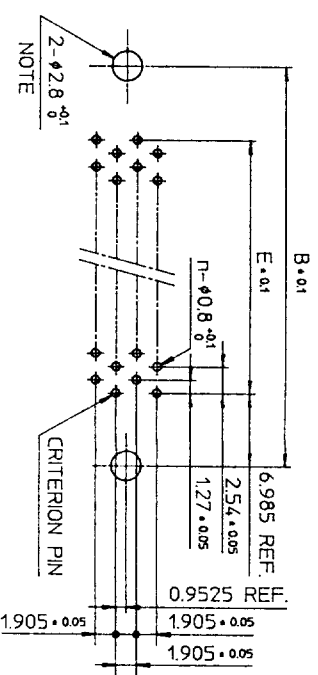
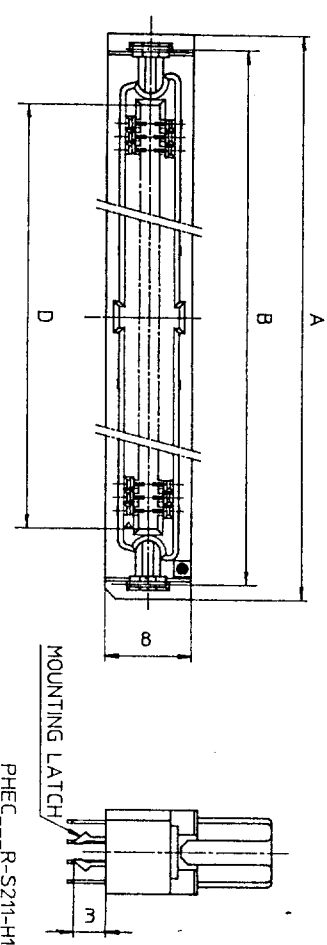
DRAWING NO.
JSC 90752

REV
5

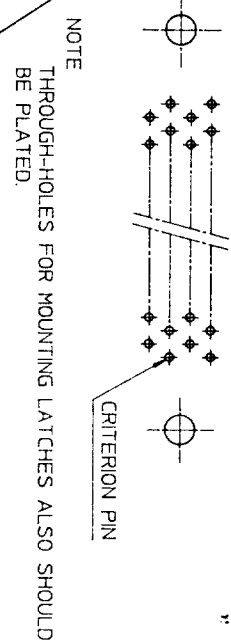
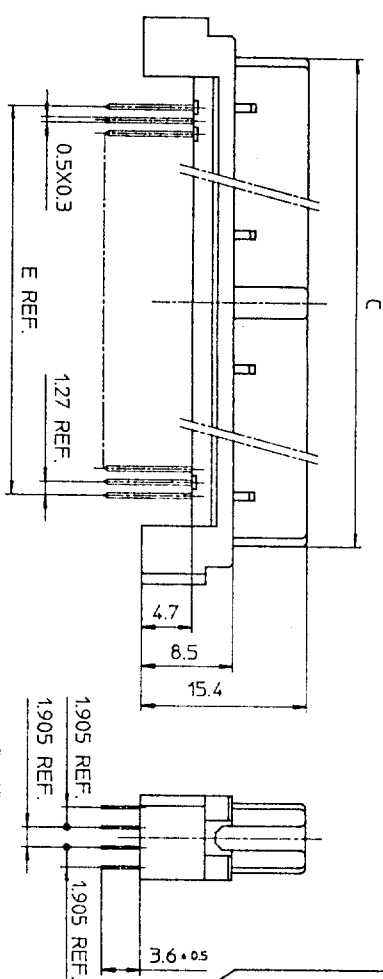
BURNDY
JAPAN, Ltd.

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

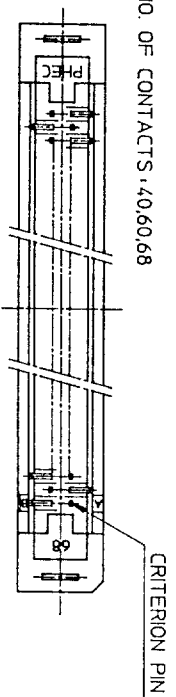
NO. OF CONTACTS: 40,60,68



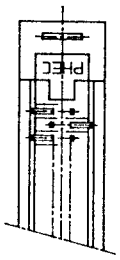
NO. OF CONTACTS: 30,34,50



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

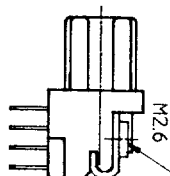
SCALE

DIM IN mm

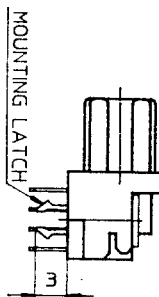
MATERIAL

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

SCREW NUT



PHEC...R-R212



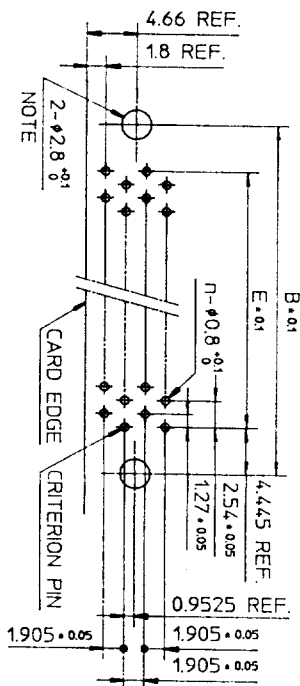
PHEC...R-R211

RECOMMENDED PC BOARD

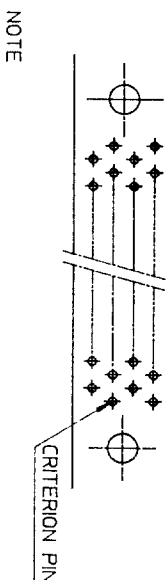
THICKNESS: 1.6 ± 0.2
HOLE PATTERN (COMPONENT SIDE)

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

n : NO. OF CONTACTS



NO. OF CONTACTS: 30, 34, 50

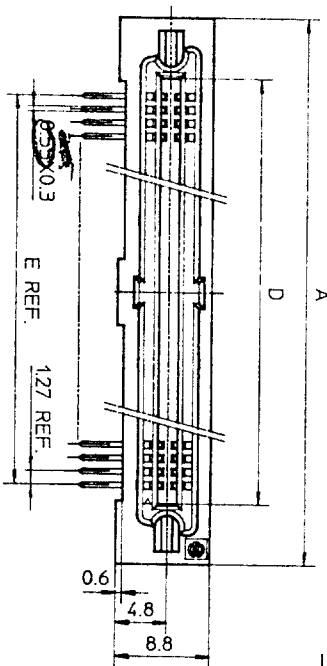


NOTE
THROUGH-HOLES FOR MOUNTING LATCHES ALSO SHOULD BE PLATED.

TOLERANCES

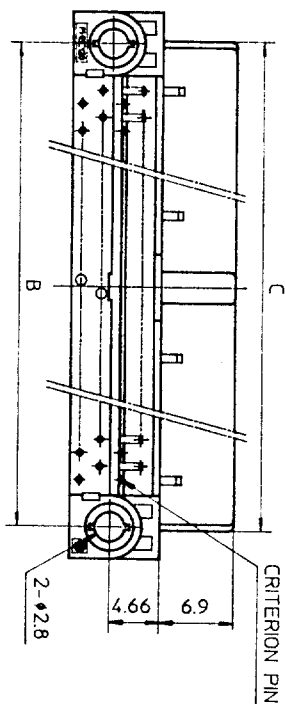
UNLESS OTHERWISE SPECIFIED, ±0.3

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



18 REF.
1905 REF.
1905 REF.

PHEC...R-R210



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

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.2
2	90-6-8	EC 7866	No
1	90-4-20	EC 7837	No

EC-PHEC 02