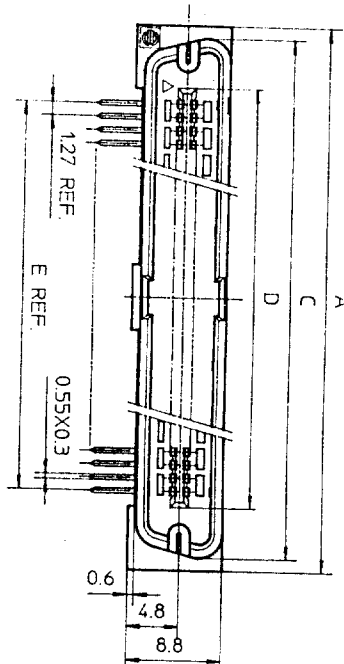
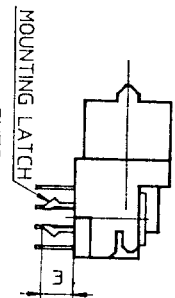
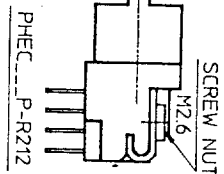
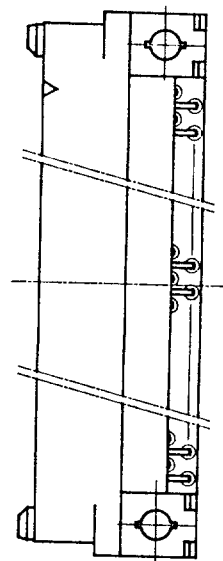
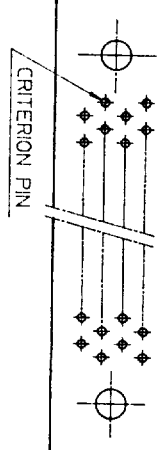
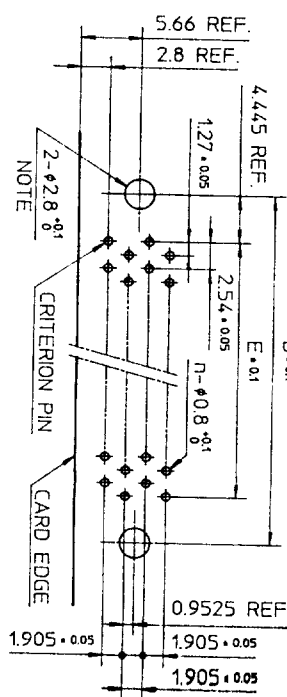




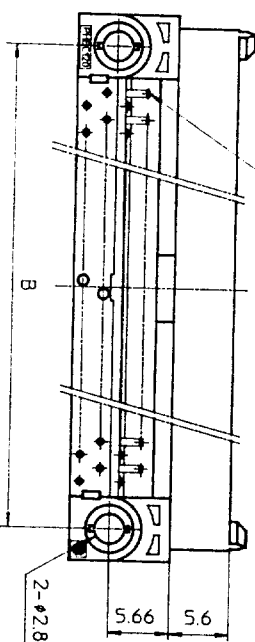
PHEC...P-R210

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.

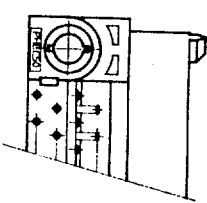
TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3



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

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

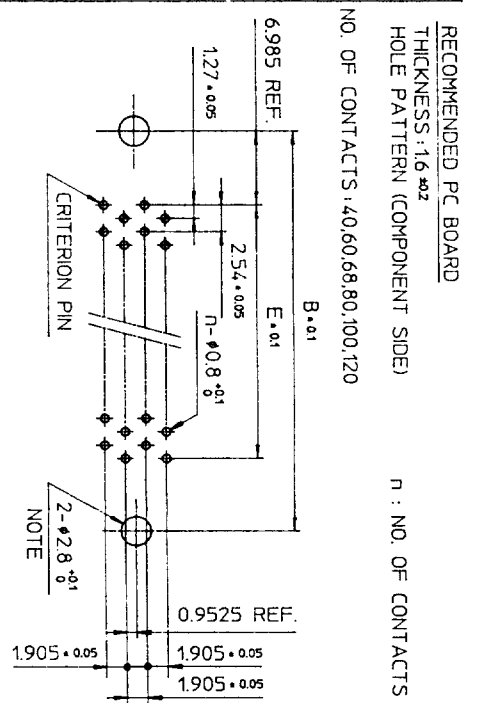
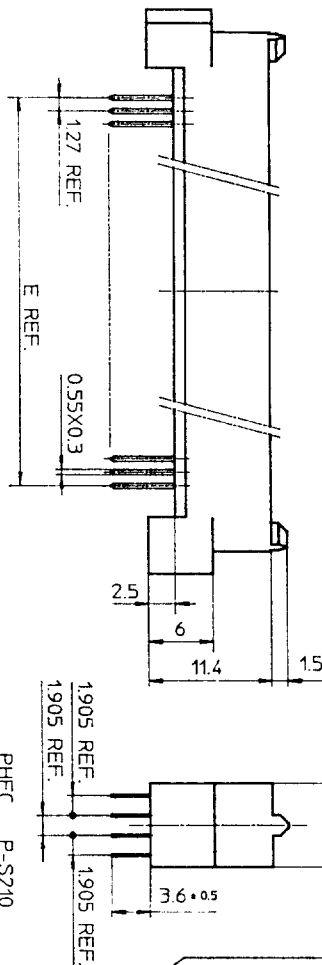
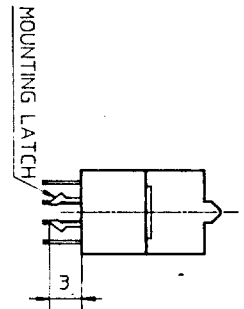
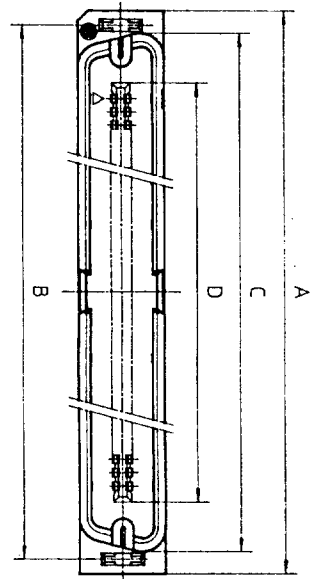
PRINTED CIRCUIT CONNECTOR

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



TOLERANCES
UNLESS OTHERWISE SPECIFIED: ±0.3

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

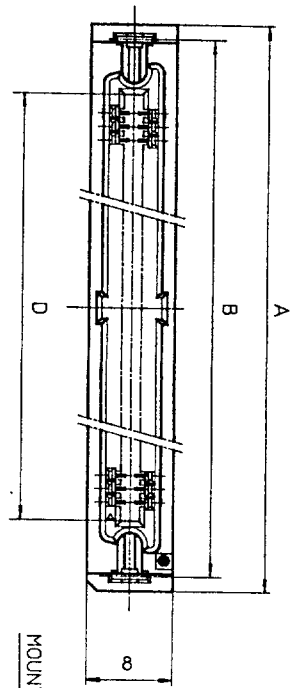
SOLDER PLATED

CONTACT PLATING TABLE

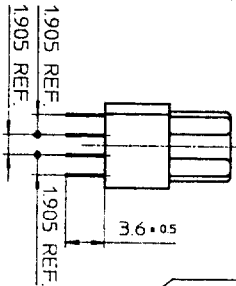
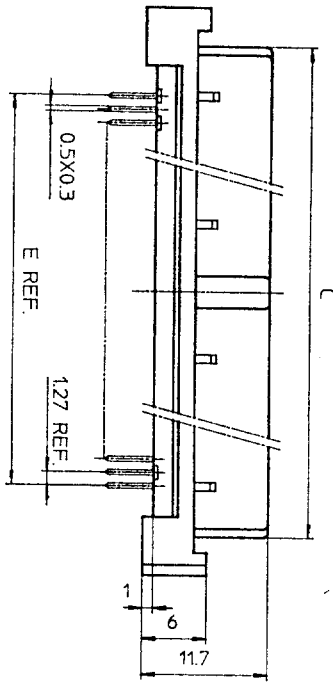
CONTACT AREA	REMAINDER
GOLD 0.25 MIN	SOLDER
OVER NICKEL 3Z	OVER NICKEL

DRAWING NO
JSC 90735

30,34,50,68 POSITIONS ADDED.		SCALE DIM IN mm	DESIGNED DRAWN CHECKED APPROVED DATE	PRINTED CIRCUIT CONNECTOR CAT. NO. PHEC-P-S21 DRAWING NO. JSC 90735
REV 1 2 3	DATE 8-11-92 6-5-90 4-20-90	DESCRIPTION EC 7866 EC 7837	CKD No No	BURNDY JAPAN, Ltd.

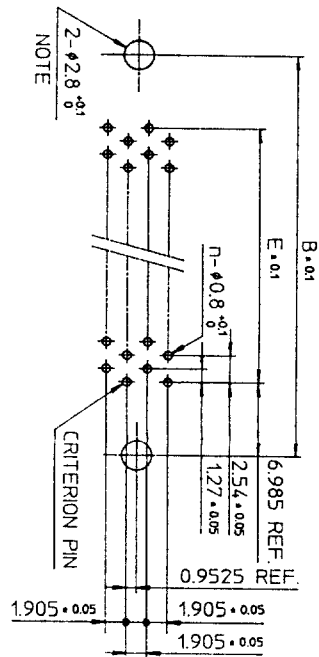


PHEC...R-S211



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

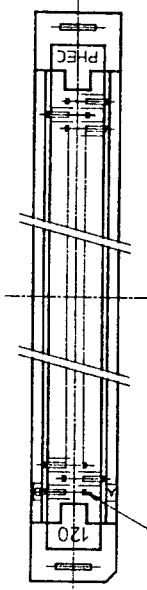


NO. OF CONTACTS: 30, 34, 50

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

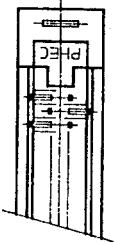
CRITERION PIN

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.	SOLDER
OVER NICKEL 3.2	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

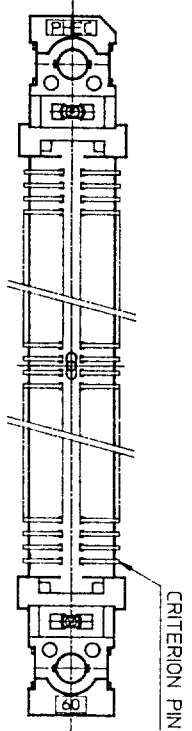
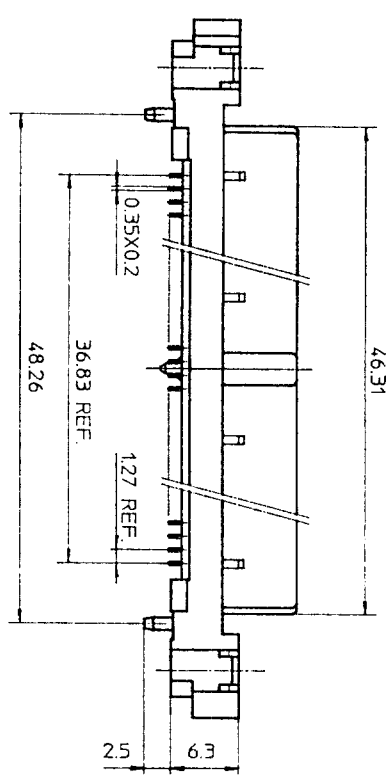
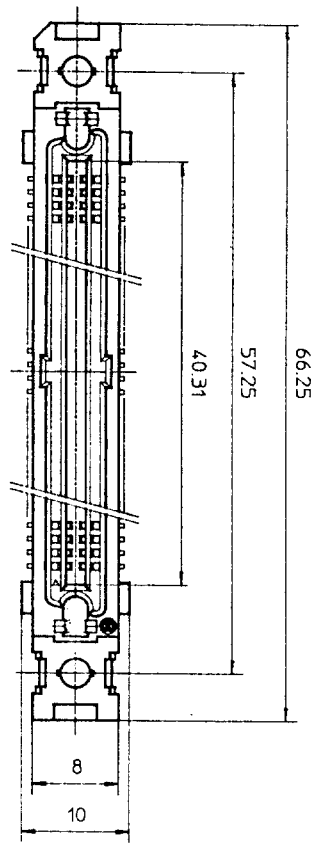
DIM. IN

MATERIAL

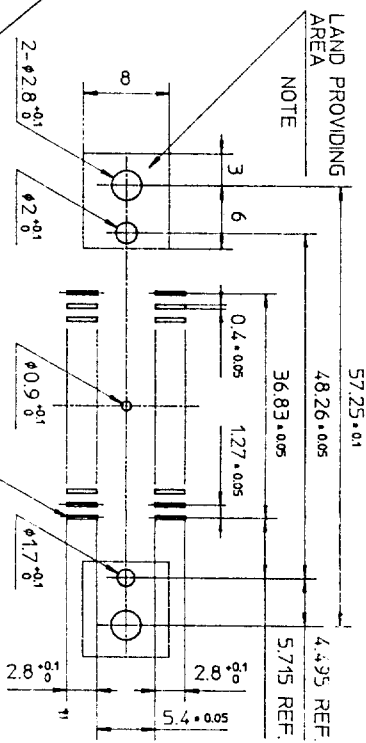
mm

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

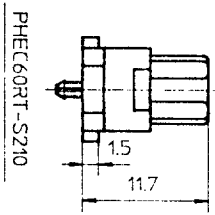
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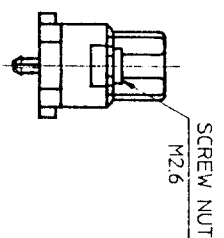
RECOMMENDED PC BOARD
THICKNESS: 1.6 ±0.2
HOLE PATTERN (COMPONENT SIDE)



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

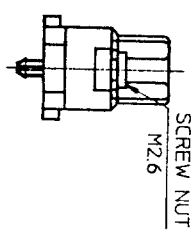
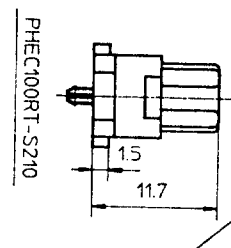
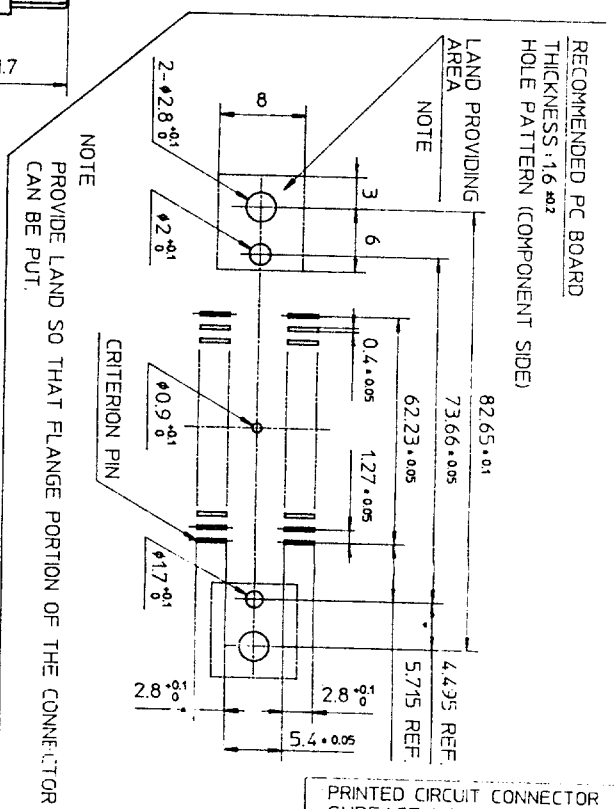
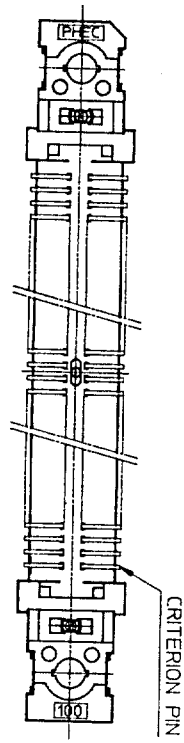
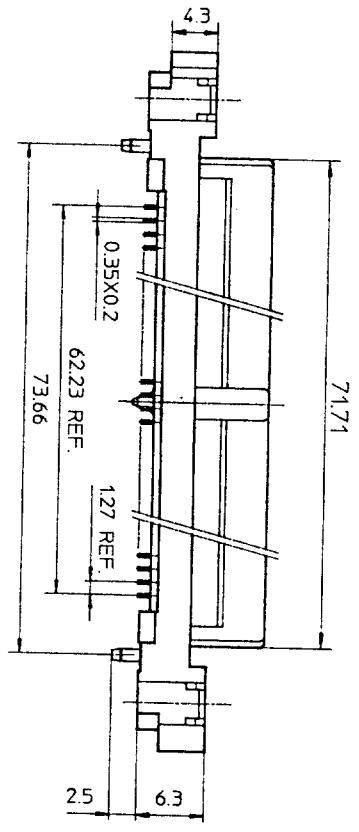
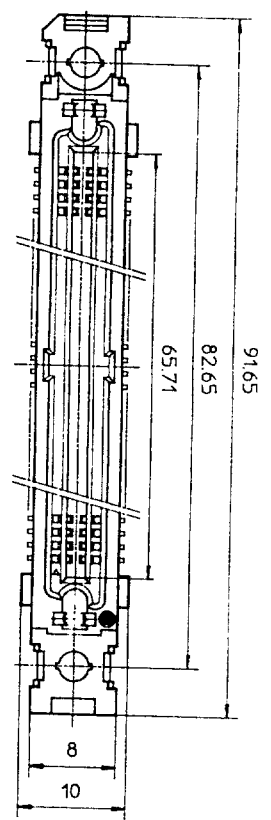
DESIGNED
DRAWN
CHECKED
APPROVED
DATE

CAT. NO. PHEC60RT-S21_

DRAWING NO. JSC 90739

REV 4

BURNDY JAPAN, Ltd.



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

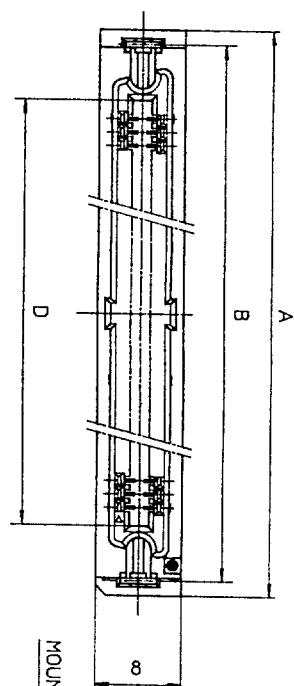
BURNDY
JAPAN, Ltd.

DESIGNED
DRAWN
CHECKED
APPROVED
DATE Aug. 11, 1992

SCALE
DIM. IN
MATERIAL

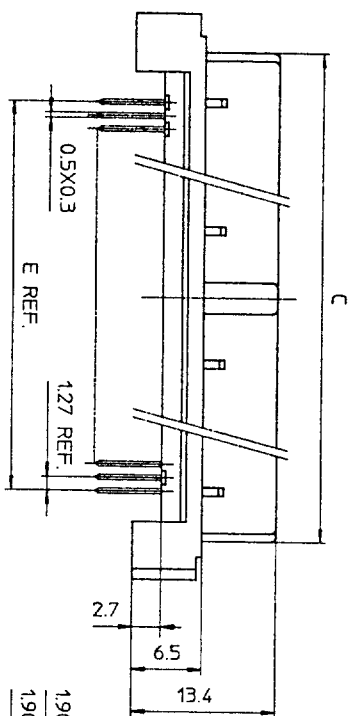
REV	DATE	DESCRIPTION	CKD.

DRAWING NO. JSC 90752



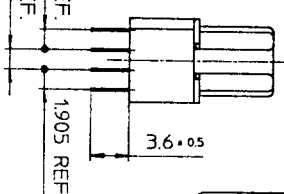
MOUNTING LATCH

PHEC---R-S211-H

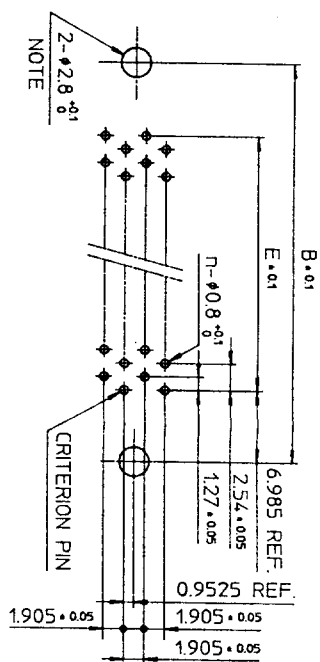


1.905 REF.		1.905 REF.
1.905 REF.		

PHEC---R-S210-H



NO. OF CONTACTS • 30,34,50



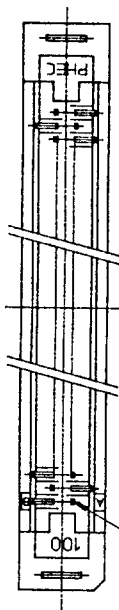
RECOMMENDED PC BOARD
THICKNESS : 1.6 ^{±0.2}
HOLE PATTERN (COMPONENT SIDE)
NO. OF CONTACTS : 40,60,68,80,100

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

CRITERION P1A

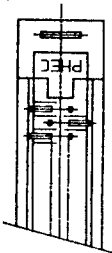
TOLERANCES
UNLESS OTHERWISE SPECIFIED, ± 0.3

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



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

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	71.1	65.71	62.23

CONTACT PLATING TABLE

THICKNESS, μm	
CONTACT AREA	REMAINDER
GOLD 0.25 MIN. OVER NICKEL 3.2	SOLDER OVER NICKEL

5	'93 6-22	100 POSITIONS ADDED.	M.D.	✓
4	'93 2-1	WRONG CONTACT DIM. CORRECTED.	no	5.9
3	'92 8-11	100,120 POSITIONS DELETED. 30,34,50,68 POSITIONS ADDED.	no	5.9
2	'90 5-30	DIM. CHANGED (36.61 → 33.61)	no	JTC
1	'90 5-14	EC 7866	HE	JTC
REV	DATE	DESCRIPTION		CKD.
REFERENCE				

SCALE

DIM. IN

MATERIAL

DESIGNED

DRAWN *M. Oga*

CHECKED *4. Eli*

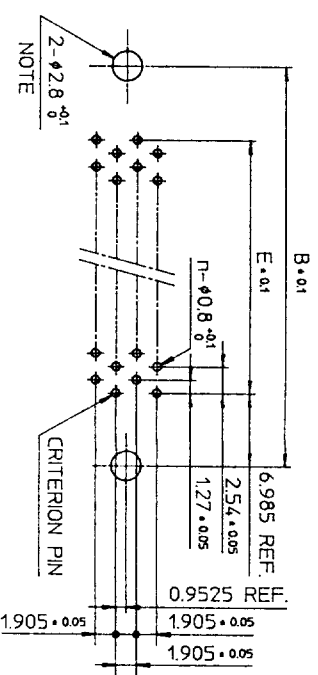
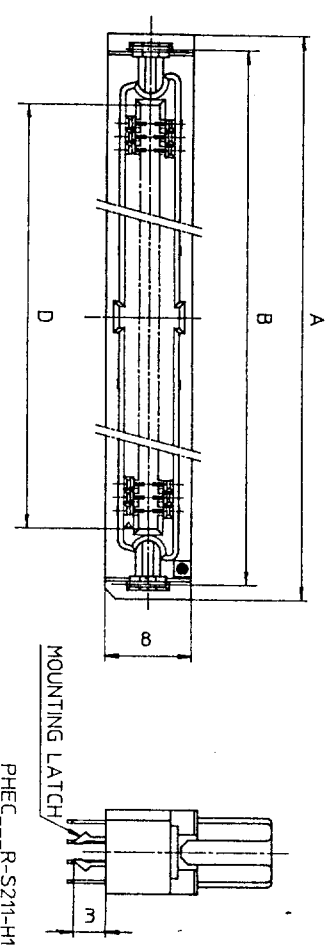
APPROVED *J. Tomiyasu*

DATE Mar. 24, 1990

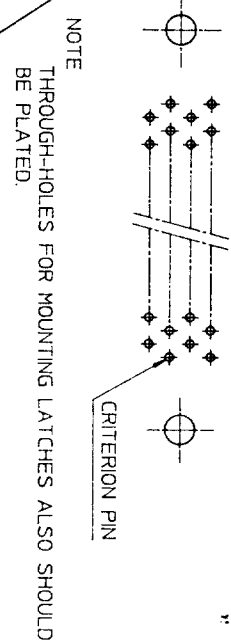
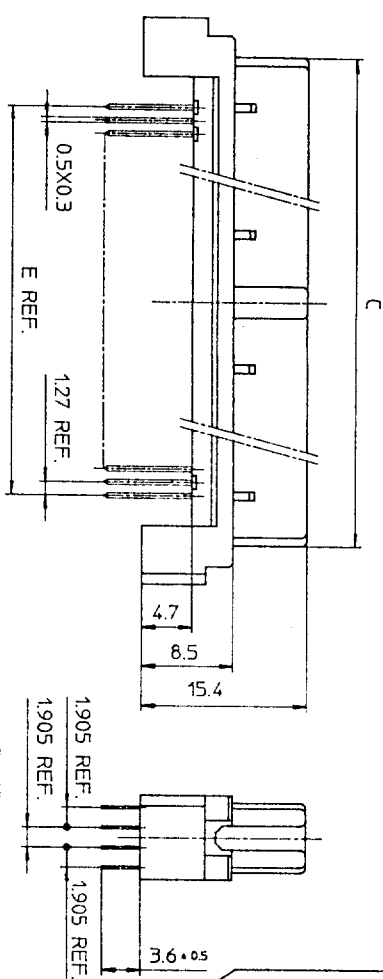
PRINTED CIRCUIT CONNECTOR HIGH STAND OFF TYPE	
CAT. NO.	
PHEC___R-S21_-H	
DRAWING NO.	REV
JSC 90752	5
 BURNDY JAPAN, Ltd.	

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

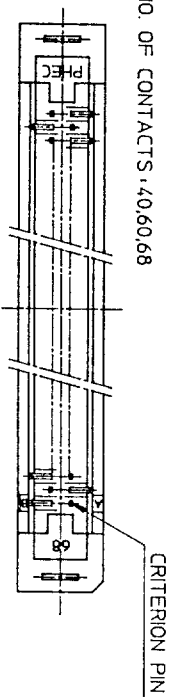
NO. OF CONTACTS: 40,60,68



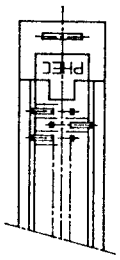
NO. OF CONTACTS: 30,34,50



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*

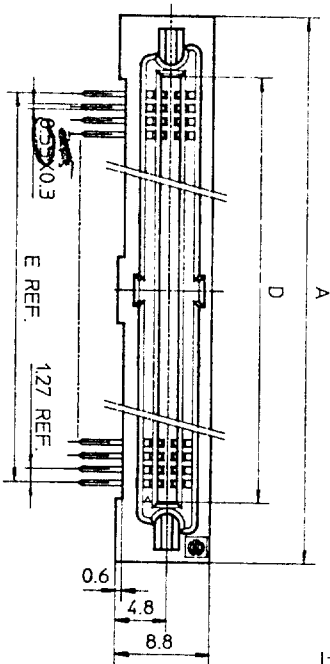
DATE Aug. 17, 1992

SCALE

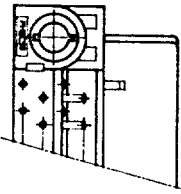
DIM IN mm

MATERIAL

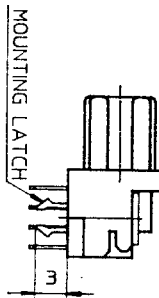
REV	DATE	DESCRIPTION	CKD
1	93	WRONG CONTACT DIM. CORRECTED.	
2	93		
3	93		



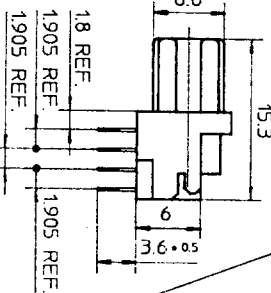
NO. OF CONTACTS, 30,34,50



DRAWING NO.
JSC 90738



PHEC --- R-R211



PHEC---R-R210

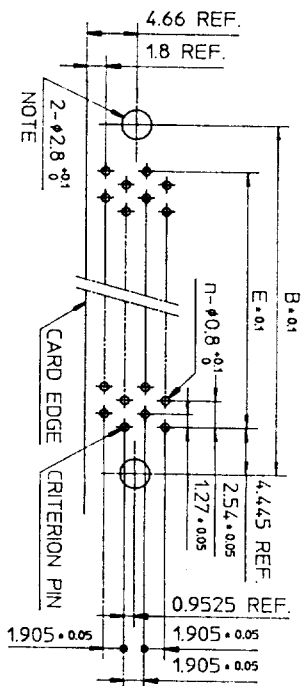
CAT. NO.	NO. OF CONTACTS (MATING SIDE)	DIMENSIONS				
		A	B	C	D	E
PHEC30R-R21	15/ROW X 2 ROWS	32.67	26.67	27.26	21.26	17.78
PHEC34R-R21	17/ROW X 2 ROWS	35.21	29.21	29.8	23.8	20.32
PHEC40R-R21	20/ROW X 2 ROWS	39.02	33.02	33.61	27.61	24.13
PHEC50R-R21	25/ROW X 2 ROWS	45.37	39.37	39.96	33.96	30.48
PHEC60R-R21	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

MATERIAL	PHEC120F
BODY LOCATOR :	PBT RESIN GLASS REINFORCED (UL94V-0)
COLOR :	BLACK

CONTACT : PHOSPHOR BRONZE
MOUNTING LATCH : PHOSPHOR BRONZE
SOLDER PLATED
SCREW NUT : STEEL
NICKEL PLATED

RECOMMENDED PC BOARD
THICKNESS: .16 $\pm$.02
HOLE PATTERN (COMPONENT SIDE)
NO. OF CONTACTS : 40,60,68,80,
100,120

7 : 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

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

PRINTED CIRCUIT CONNECTOR	
CAT. NO.	
PHEC___R-R21_	
DRAWING NO.	REV
JSC 90738	3
 BURNDY JAPAN, Ltd.	

DESIGNED	
DRAWN	M. Oba
CHECKED	<i>[Signature]</i>
APPROVED	<i>[Signature]</i>
DATE	Mar. 8, 1990

SCALE

DIM. IN

mm

MATERIAL

3	92 8-11	30,34,50,68 POSITIONS ADDED.	no	5
2	90 6-8	EC 7866	no	4
1	90 4-20	EC 7837	no	4
REV.	DATE	DESCRIPTION		CHK
	REFERENCE			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[PHEC120P-R211-ELF](#) [PHEC40P-SC11LF](#) [PHEC40R-R411LF](#) [PHEC40R-RC11LF](#) [PHEC50P-SC11LF](#) [PHEC50R-RC11LF](#) [PHEC60RT-S210-M2LF](#) [PHEC80R-RM11-XLF](#)