

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	PLUG		RECEPTACLE	
	CAT. NO.	DIMENSIONS (NOTE)	CAT. NO.	DIMENSIONS (NOTE)
		A ± 0.3		B ± 0.3
4	BTMK 4P - 1R	8.4	BTMK 4S - 1S	8.4
5	BTMK 5P - 1R	10.4	BTMK 5S - 1S	10.4
6	BTMK 6P - 1R	12.4	BTMK 6S - 1S	12.4
7	BTMK 7P - 1R	14.4	BTMK 7S - 1S	14.4
8	BTMK 8P - 1R	16.4	BTMK 8S - 1S	16.4
9	BTMK 9P - 1R	18.4	BTMK 9S - 1S	18.4
10	BTMK10P - 1R	20.4	BTMK10S - 1S	20.4
11	BTMK11P - 1R	22.4	BTMK11S - 1S	22.4
12	BTMK12P - 1R	24.4	BTMK12S - 1S	24.4
13	BTMK13P - 1R	26.4	BTMK13S - 1S	26.4
14	BTMK14P - 1R	28.4	BTMK14S - 1S	28.4
15	BTMK15P - 1R	30.4	BTMK15S - 1S	30.4
16	BTMK16P - 1R	32.4	BTMK16S - 1S	32.4
17	BTMK17P - 1R	34.4	BTMK17S - 1S	34.4
18	BTMK18P - 1R	36.4	BTMK18S - 1S	36.4
19	BTMK19P - 1R	38.4	BTMK19S - 1S	38.4
20	BTMK20P - 1R	40.4	BTMK20S - 1S	40.4

CAT. NO.

SERIES NAME BTMK 8 P - 1 R
 NO. OF CONTACTS 8
 PLUG P
 NO. OF CONTACT ROWS 1
 RIGHT ANGLE TYPE R

SERIES NAME BTMK 8 S - 1 S
 NO. OF CONTACTS 8
 RECEPTACLE S
 NO. OF CONTACT ROWS 1
 STRAIGHT TYPE S

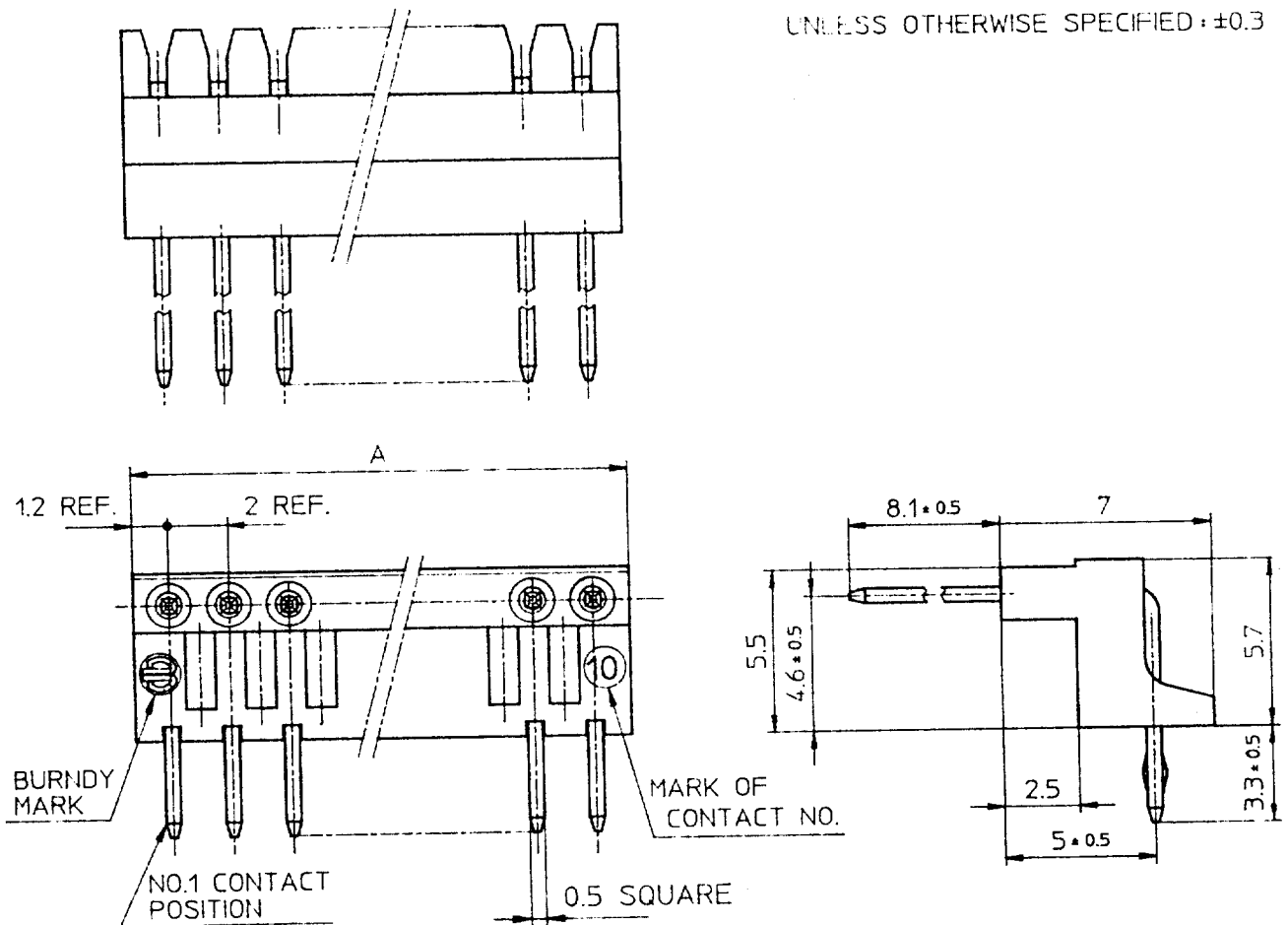
NOTE

SEE REF. DWG.

				SCALE $\times$	BOARDMATE (BOTTOM-ENTRY TYPE) FOR PC BOARDS
				DIM. IN mm	CAT. NO.
1	'93 1-29	REF. DWG.No. DELETED		DESIGNED	BTMK ___ P - 1R / BTMK ___ S - 1S
REV.	DATE	DESCRIPTION	CKD.	DRAWN <i>M. Oba</i>	DRAWING NO. (REV)
MATERIAL				CHECKED <i>S. Ito</i>	JSA 90368 1
				APPROVED <i>J. Kobayashi</i>	
				DATE Aug.14.1989	

TOLERANCES

UNLESS OTHERWISE SPECIFIED: ± 0.3



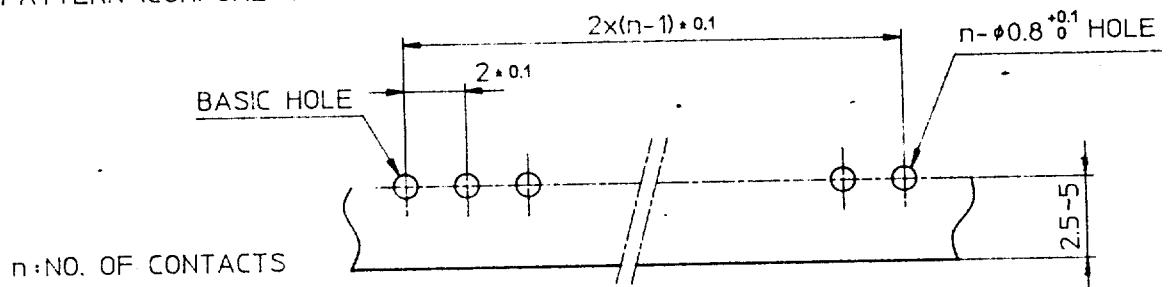
MATERIAL

INSULATOR: NYLON 66 GLASS REINFORCED (UL94V-0)
COLOR: BLACK

CONTACT: BRASS
TIN ALLOY PLATED

RECOMMENDED PC BOARD

THICKNESS: 1.2, 1.6
HOLE PATTERN (COMPONENT SIDE)



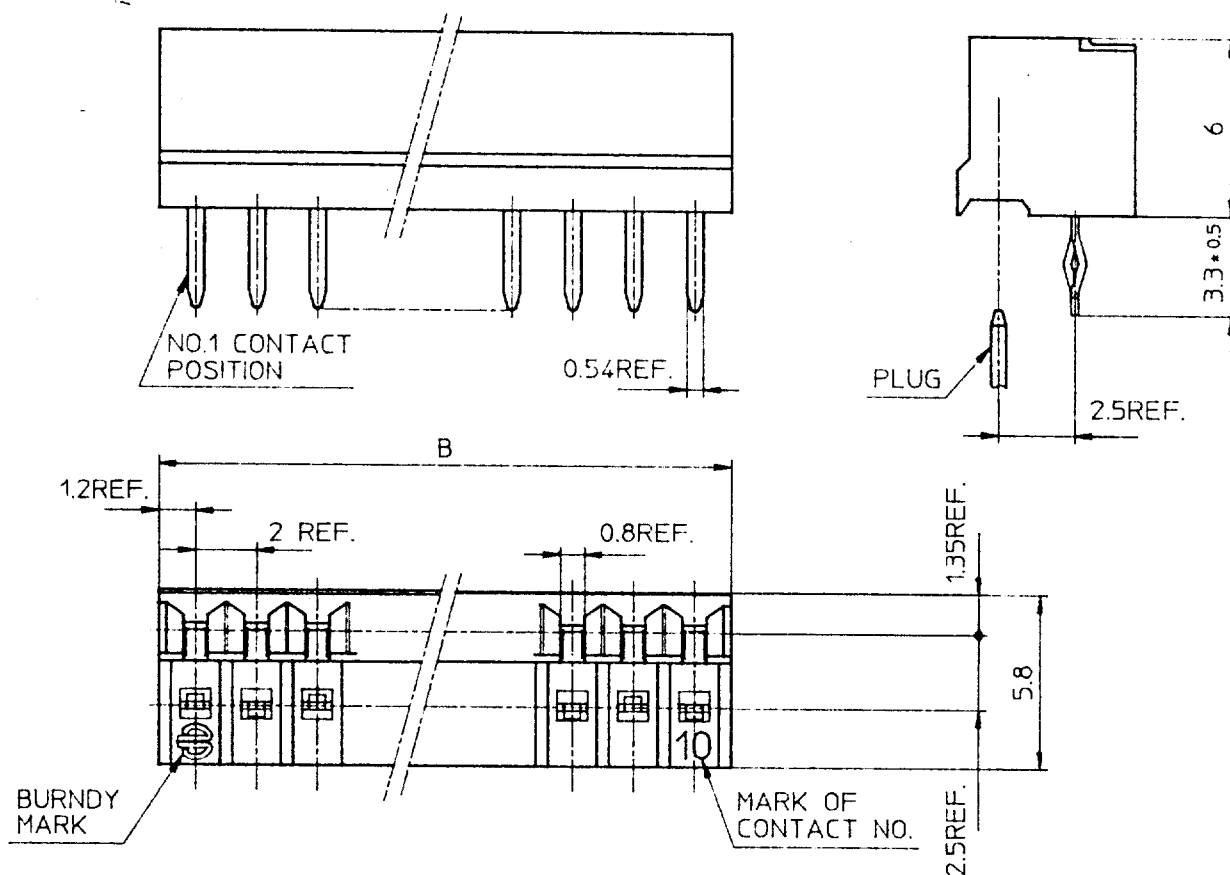
			SCALE	$\times$	BOARDMATE (BOTTOM-ENTRY TYPE)	
			DIM. IN	mm	CAT. NO.	
			DESIGNED		BTMK _ P - 1R	
REV.	DATE	DESCRIPTION	CKD	DRAWN	DRAWING NO.	REV.
MATERIAL			CHECKED	4.976	JSA 90369	0
			APPROVED			
			DATE	Aug. 21, 1987		

PC-BTMM01
TRANSFORMER JSA90370

FILE

②

TOLERANCES

UNLESS OTHERWISE SPECIFIED: ± 0.3 

MATERIAL

INSULATOR: NYLON 66 GLASS REINFORCED (UL94V-0)

COLOR: BLACK

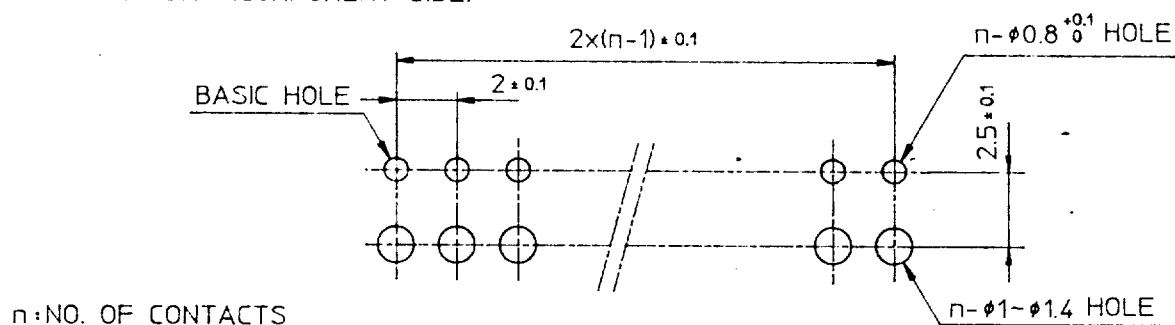
CONTACT: PHOSPHOR BRONZE

TIN ALLOY PLATED

RECOMMENDED PC BOARD

THICKNESS: 1.2, 1.6

HOLE PATTERN (COMPONENT SIDE)



			SCALE $\times$		BOARDMATE (BOTTOM-ENTRY TYPE)	
			DIM. IN mm		CAT. NO.	
			DESIGNED		BTMK _ S - 1S	
REV.	DATE	DESCRIPTION	CKD.	DRAWN <i>CPH. 920</i>	DRAWING NO.	REV.
MATERIAL				CHECKED <i>2. 1/20</i>	JSA 90370	
				APPROVED <i>2. 1/20</i>	0	
				DATE <i>Aug. 21, 1987</i>		

SC-BTMR01
135-1769 15A90370

FILE

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE)
		A ±0.3
4	BTMK 4S - 1S	8.4
5	BTMK 5S - 1S	10.4
6	BTMK 6S - 1S	12.4
7	BTMK 7S - 1S	14.4
8	BTMK 8S - 1S	16.4
9	BTMK 9S - 1S	18.4
10	BTMK10S - 1S	20.4
11	BTMK11S - 1S	22.4
12	BTMK12S - 1S	24.4
13	BTMK13S - 1S	26.4
14	BTMK14S - 1S	28.4
15	BTMK15S - 1S	30.4
16	BTMK16S - 1S	32.4
17	BTMK17S - 1S	34.4
18	BTMK18S - 1S	36.4
19	BTMK19S - 1S	38.4
20	BTMK20S - 1S	40.4

CAT. NO.

SERIES NAME BTMK
 NO. OF CONTACTS 8
 RECEPTACLE S
 NO. OF CONTACT ROWS 1
 STRAIGHT TYPE S

REF. DWG. (NOTE)

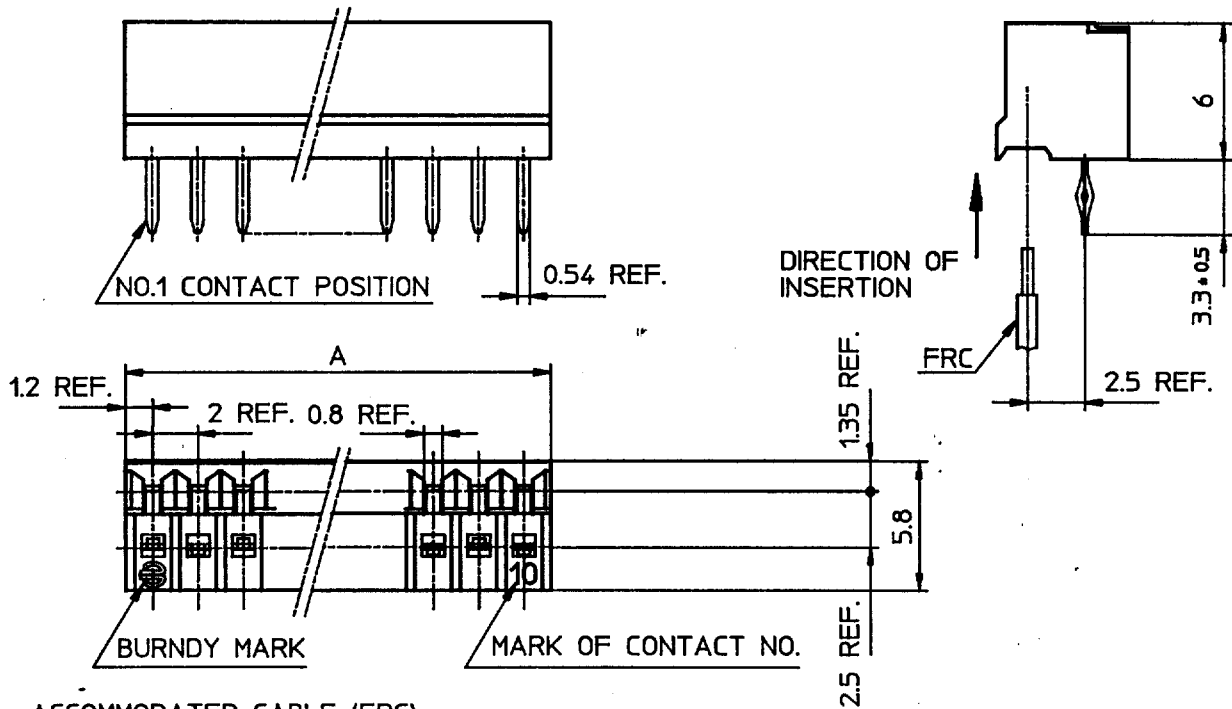
CONNECTOR JSA90372

NOTE

SEE REF. DWG.

			SCALE	$\times$	BOARDMATE (BOTTOM-ENTRY TYPE) FOR FRC	
			DIM. IN	mm	CAT. NO.	
			DESIGNED		BTMK -- S - 1S	
REV.	DATE	DESCRIPTION	CKD.	DRAWN	DRAWING NO.	REV.
				<i>M. Oba</i>	JSA 90371	0
MATERIAL			CHECKED			
			APPROVED			
			DATE		Aug. 14. 1989	
				 FRAMATOME CONNECTORS JAPAN LTD.		

TOLERANCES
UNLESS OTHERWISE SPECIFIED: ± 0.3

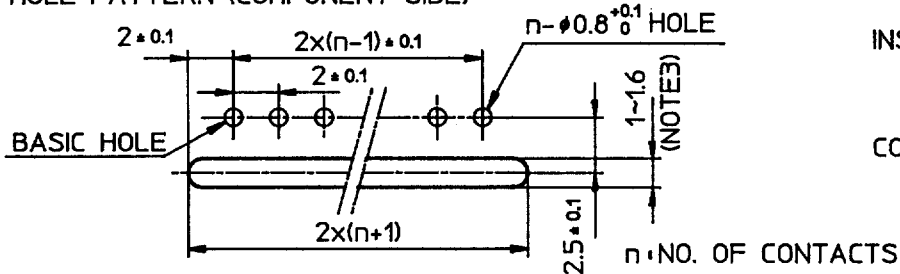


ACCOMMODATED CABLE (FRC)

TYPE	PLATING	SIZE	SPACING	STRIP LENGTH
SOLID	TIN OR SOLDER	AWG #26~#24	2	5 ± 0
STRANDED	TIN OR SOLDER COATING	AWG #28~#24 (NOTE1)		

RECOMMENDED PC BOARD

THICKNESS: 1.2, 1.6
HOLE PATTERN (COMPONENT SIDE)



MATERIAL

INSULATOR: NYLON 66 GLASS
REINFORCED (UL94V-0)
COLOR: BLACK
CONTACT: PHOSPHOR BRONZE
TIN ALLOY PLATED

NOTES

1. INSERTION OF #28 WIRE MAY BE DIFFICULT IN SOME CASES BECAUSE OF ITS SMALL DIAMETER OF THE WIRE.
2. PLEASE REPLACE FLAT CABLE WITH NEW ONE IN CASE THE STRANDED WIRES BECOME UNTIED BY REPEATING INSERTION AND SEPARATION.
3. PLEASE SET THE WIDTH OF INSERTION HOLE FOR FLAT CABLE SO AS TO MATCH TO THE THICKNESS OF THE CABLE.

				SCALE	$\propto$	BOARDMATE (BOTTOM-ENTRY TYPE) FOR FRC	
				DIM. IN	mm	CAT. NO.	
1	'89 9-19	ACCOMMODATED CABLE SIZE CHANGED M.O. S.I.T		DESIGNED		BTMK __ S - 1S	
REV.	DATE	DESCRIPTION	CKD.	DRAWN	M.OBA	DRAWING NO.	REV.
MATERIAL				CHECKED	S.I.TO	JSA 90372	1
				APPROVED	J. Kobayashi	FRAMATOME CONNECTORS JAPAN LTD.	
				DATE	Aug. 21, 1989		