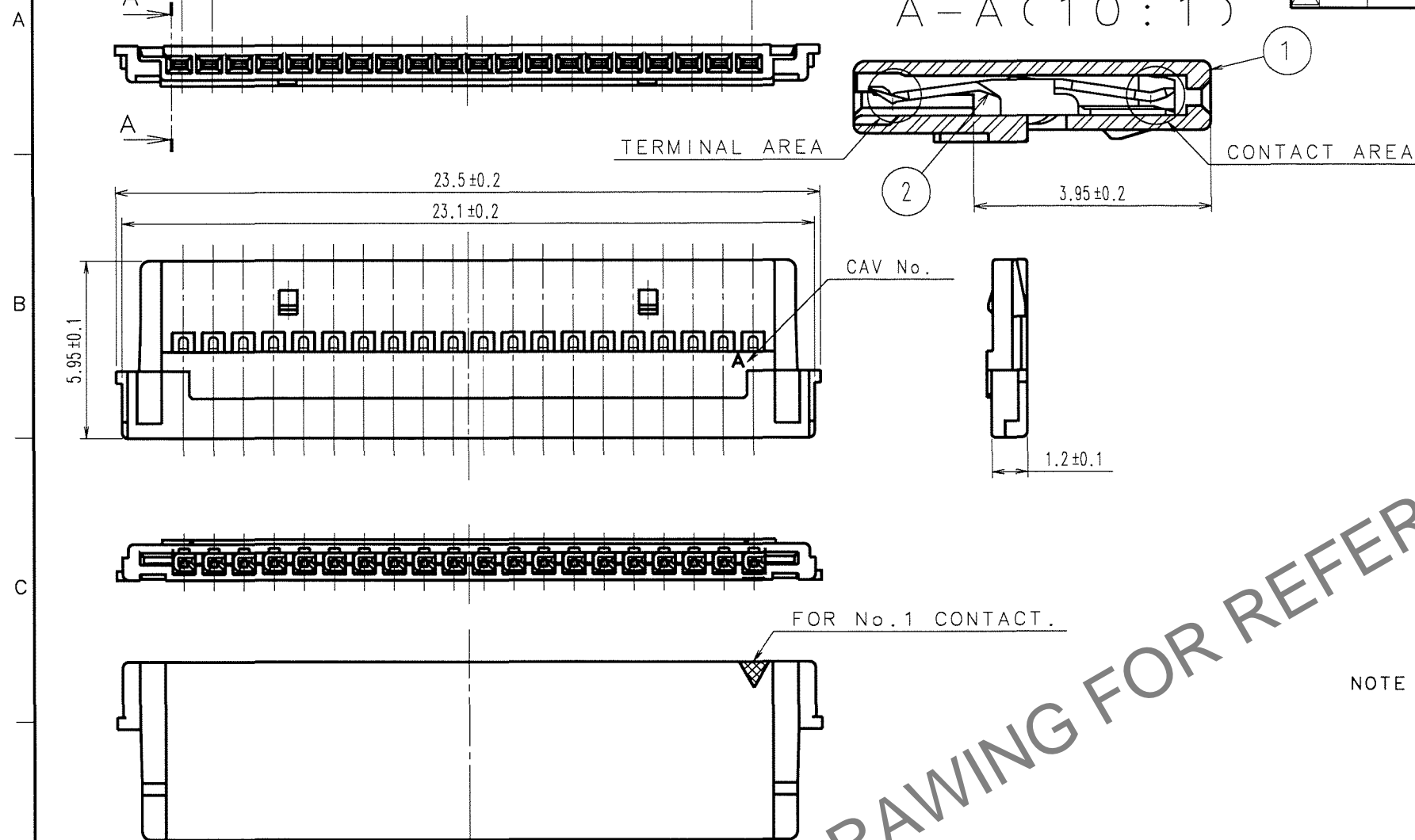


	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
▲	2	DIS-H-000773	ED	H.V	66.02.09	▲					. . .
▲					. . .	▲					. . .
▲					. . .	▲					. . .



## —HOW TO ASSEMBLE

INSERT FPC INTO A GND BOARD FROM  
TOP FACE OBLIQUELY.

1ST. STEP

LET THROUGH THE LEADING EDGE OF FPC.

AFTER THROUGH THE LEADING EDGE,  
PULL IT DOWN.

2ND. STEP

SIGNAL SURFACE.  
GND SURFACE.

STRETCH FPC AND THEN INSERT IT TO SOCKET.

### 3RD. STEP

INSERT GND BOARD INTO SOCKET TEMPORARILY.

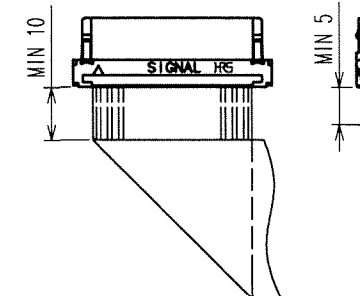
#### 4TH. STEP

INSERT GND BOARD COMPLETELY WITH SPECIALIZED TOOL.

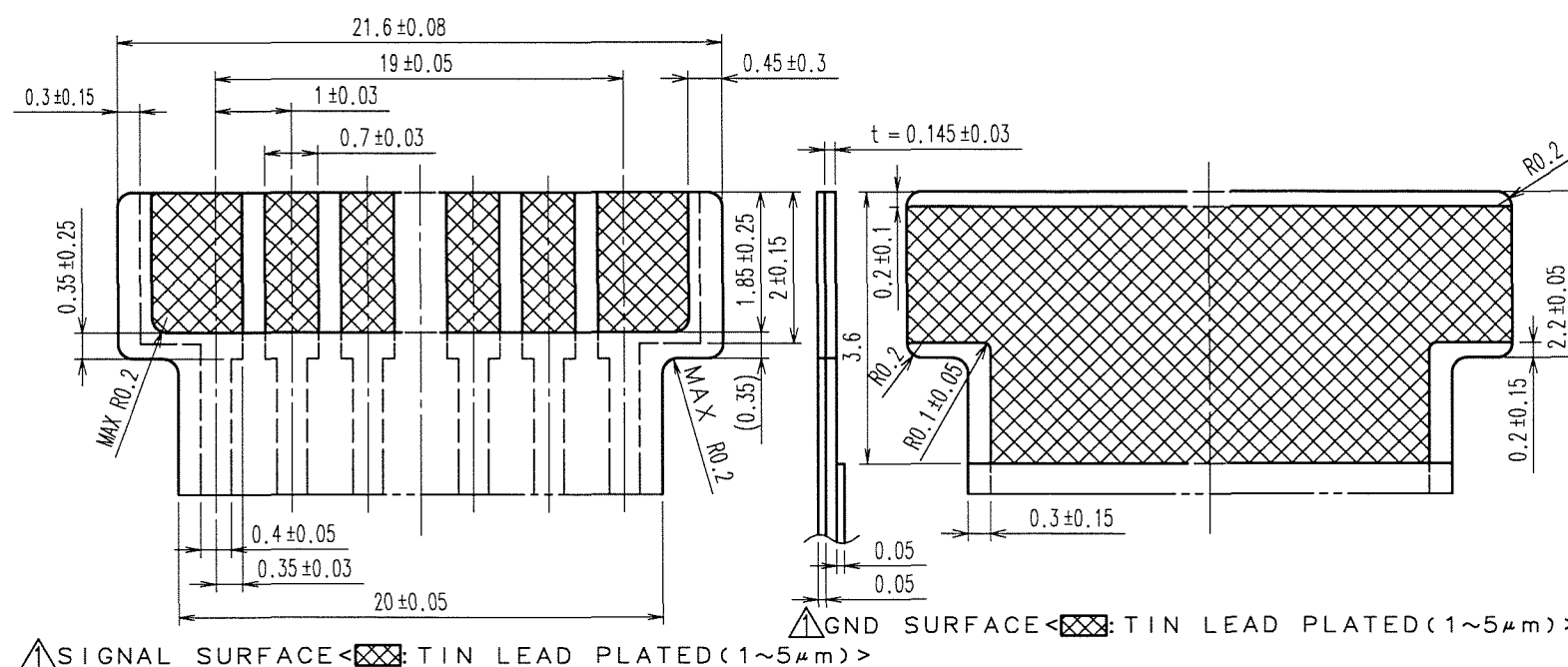
COMPLETED

1

NOTE 1: TRAY PACKAGING. (100 PCS)  
2: GND BOARD AND SOCKET, EACH SHOULD BE TREATED AS A  
INDIVIDUAL PRODUCT, AND BE SUPPLIED INDIVIDUALLY.  
(GND BOARD:DF19G-20S-1F-GND(05)/CL685-0010-3-05)  
3: IF IT'S NEEDED TO CONNECT SIGNAL SURFACE AND GND, IT MUST  
BE DONE BY THROUGH HOLE ON FPC.  
4: USE SPECIALIZED TOOL TO ASSEMBLE FPC.  
5: INSERTION AND WITHDRAWAL OF CONNECTOR SHALL BE MADE  
PERPENDICULAR TO MATING SURFACE.  
6: THIS PRODUCT IS NOT INTENDED TO HAVE ANY STRAIN ON  
THE CONDUCTORS IN SUCH INSTANCE AS CLOSE-OPEN MOTION  
OF NOTEBOOK COMPUTER.  
7: BEND RADIUS OF FPC SHALL BE AS SPECIFIED BY THE FPC  
MANUFACTURER.  
BENDING POSITION TO BE AS SHOWN BELOW.



## RECOMMENDED PATTERNS OF FPC(10:1)



<div><div></div><div></div></div>			2	PHOSPHOR BRONZE	CONTACT AREA: GOLD PLATED 0.1μm min		
					CONTACT AREA: TIN PLATED 1μm min		
					UNDER PLATED: NICKEL PLATED 0.5μm min		
1	POLYAMIDE	UL94V-0,GRAY					
NO.	MATERIAL	FINISH, REMARKS			NO.	MATERIAL	FINISH, REMARKS
CODE NO. (OLD) CL?			DRAWN A.Miyazaki	DESIGNED T.Kumazawa	CHECKED H.Umehara	APPROVED T.Oma	RELEASED
			05.10.31	05.11.01	05.11.01	05.11.02	
<div><div></div><div></div></div>		DRAWING NO. EDC3-162454-02			PART NO. DF19G-20S-1F(05)		
SCALE 5 : 1		<div><div></div><div></div></div> <div>HIROSE ELECTRIC CO.,LTD.</div>			CODE NO. CL685-0009-4-05		1 1
UNITS mm							