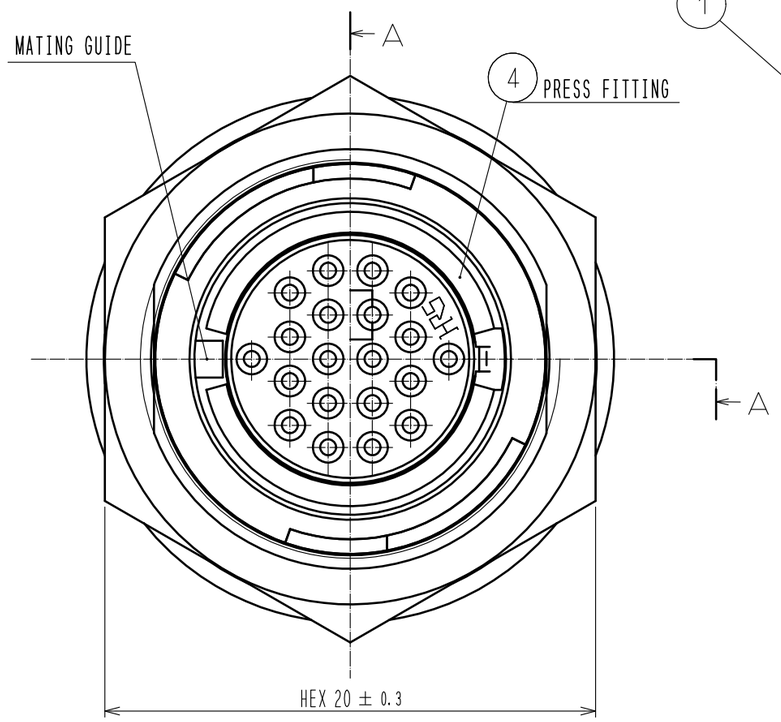
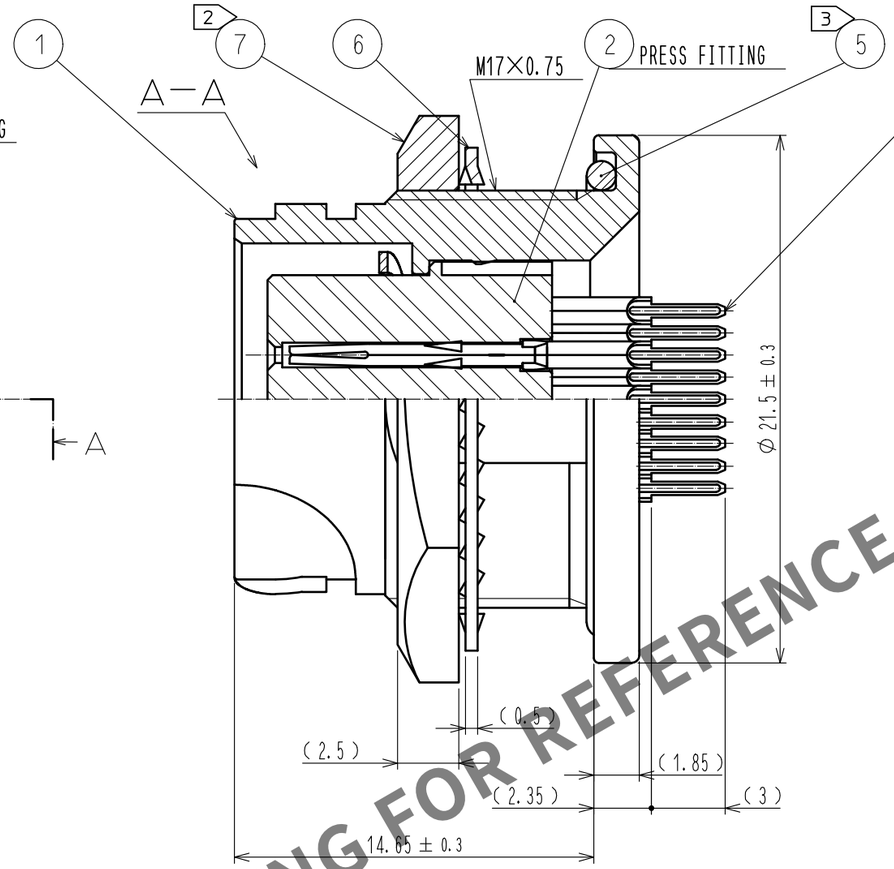
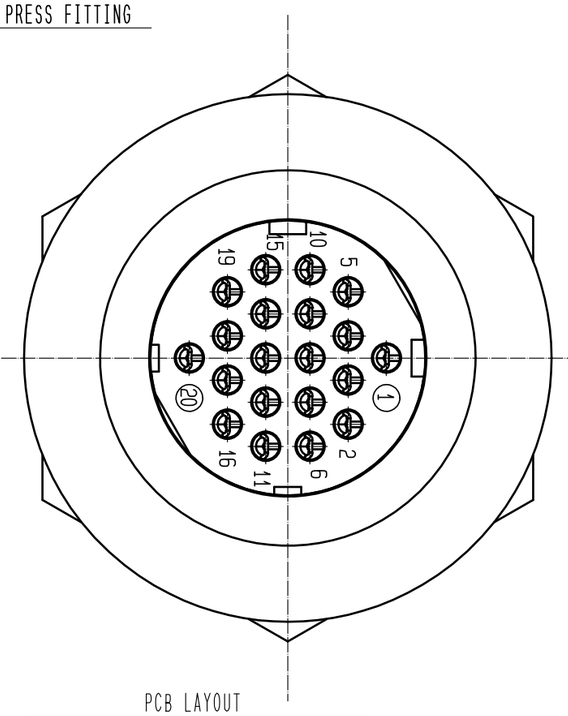
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

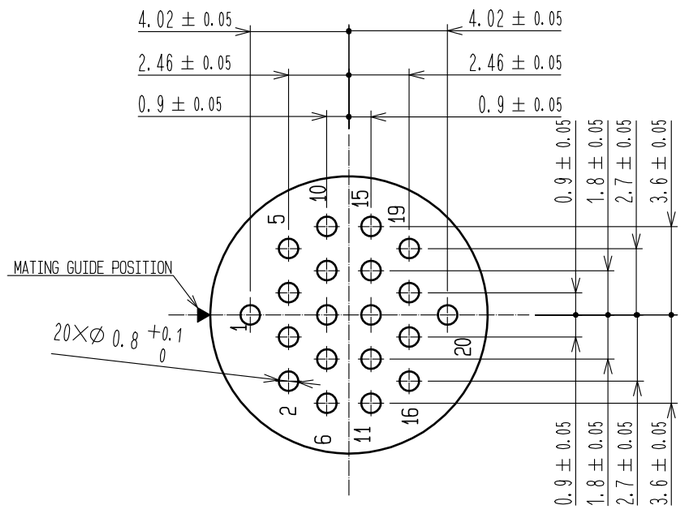
HRS DRAWING FOR REFERENCE



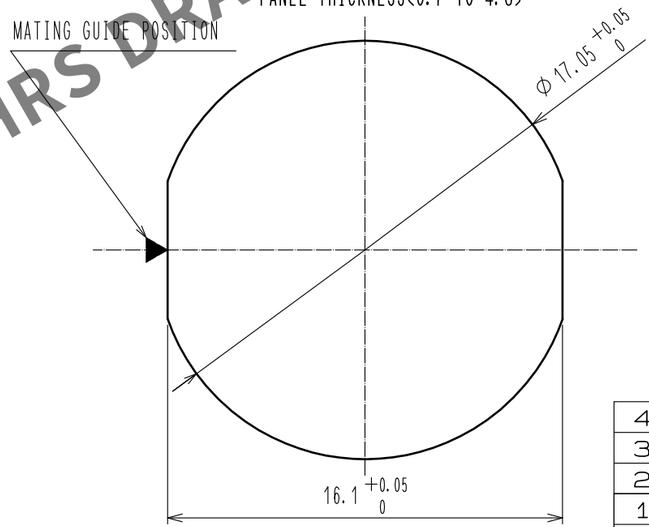




PCB LAYOUT
(INDICATES THE SIDE OF THE SURFACE TO WHICH DIP POSTS ARE INSERTED.)



PANEL INSTALLATION HOLE
PANEL THICKNESS(0.7 TO 4.8)



NOTES
1. PLATING(REF. NO. ③)
   CONTACT AREA :GOLD 0.2μm min.
   DIP AREA :GOLD 0.03μm min.
   UNDER PLATING:NICKEL PLATING 2μm min.
2. THE RECOMMENDED CLAMP TORQUE OF REF. NO. ⑦ TO BE 2 TO 3 N・m.
   THREAD LOCKER TO THREADED PORTION OF REF. NO. ① IS RECOMMENDED TO PREVENT REF. NO. ⑦ FROM LOOSING.
   RECOMMENDED THREAD LOCKER:LOCTITE 263 , HENKEL JAPAN LTD.
3. WHEN THIS CONNECTOR IS MOUNTED ON TO PANEL, BE CAREFUL REF. NO. ⑤ IS ASSEMBLED SURELY INTO THE GROOVE OF REF. NO. ⑤ AS SHOWN IN THIS FIGURE TO KEEP WATERPROOF EFFECTIVENESS.
4. ROTATION EXAMPLE OF REF. NO. ③ ARE SHOWN.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
4	PHOSPHOR BRONZE	NICKEL PLATING			
3	PHOSPHOR BRONZE	1	7	BRASS	NICKEL PLATING
2	POLYPHENYLENE SULFIDE	(BLACK) UL94V-0	6	PHOSPHOR BRONZE	NICKEL PLATING
1	ZINC ALLOY	NICKEL PLATING	5	CHLOROPRENE RUBBER	(BLACK)

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	4 : 1	△0					

HIROSE ELECTRIC CO., LTD.

APPROVED	EJ. KUNII	16. 09. 28	DRAWING NO. EDC-119581-00-00
CHECKED	EJ. KUNII	16. 09. 28	PART NO. LF13WBRB-20SD
DESIGNED	SJ. SHIMIZU	16. 09. 28	
DRAWN	SY. KONDO	16. 09. 28	CODE NO. CL136-1027-0-00 △0