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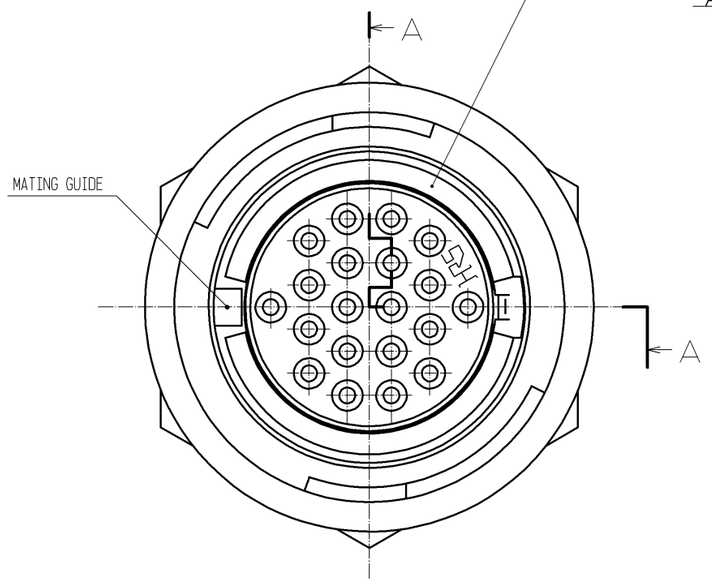
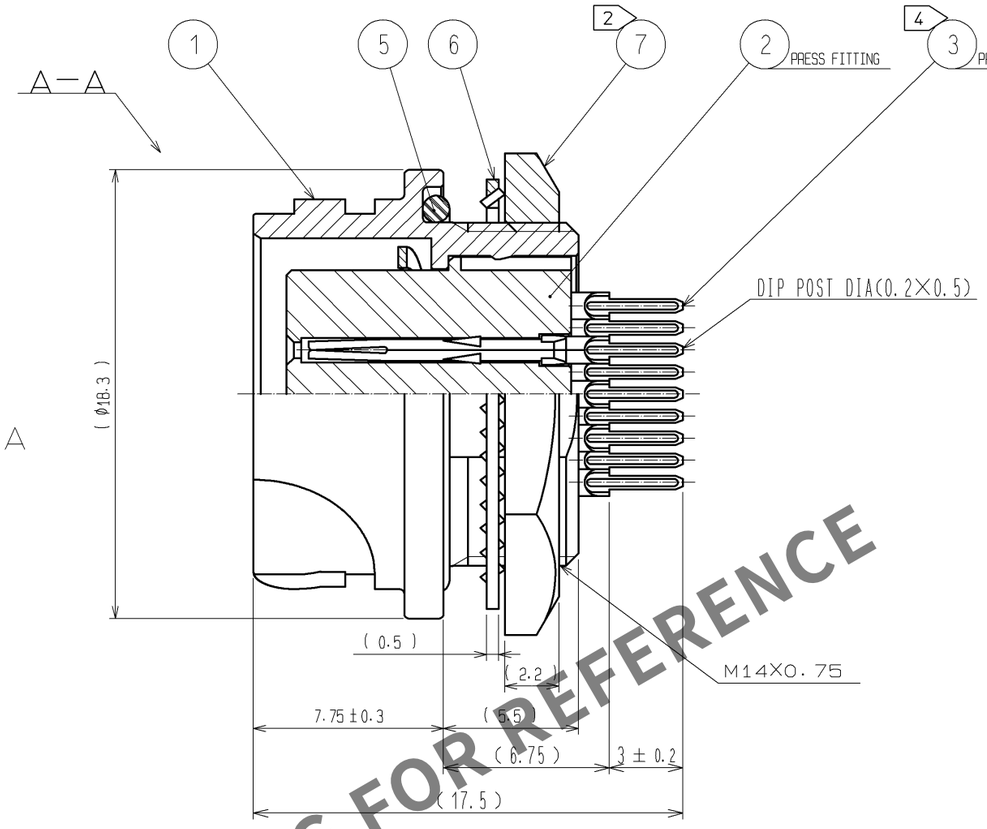
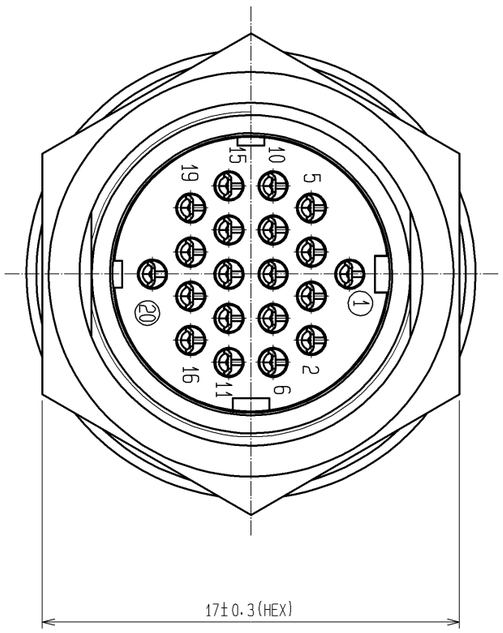
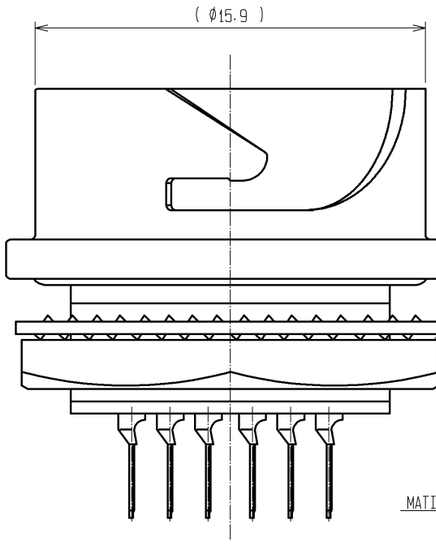
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE

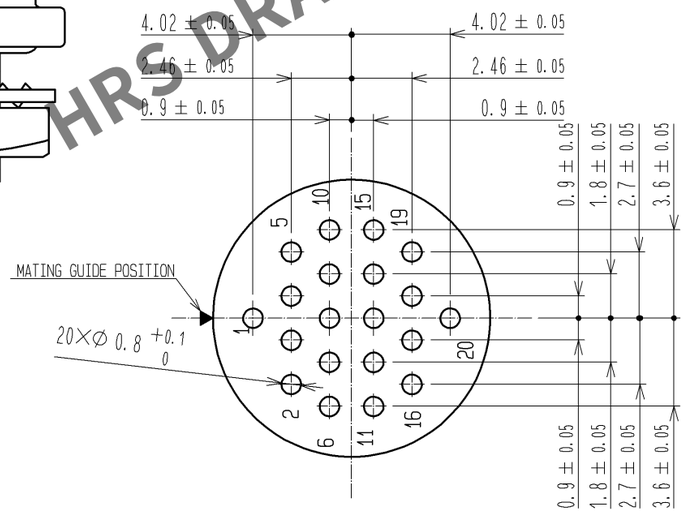




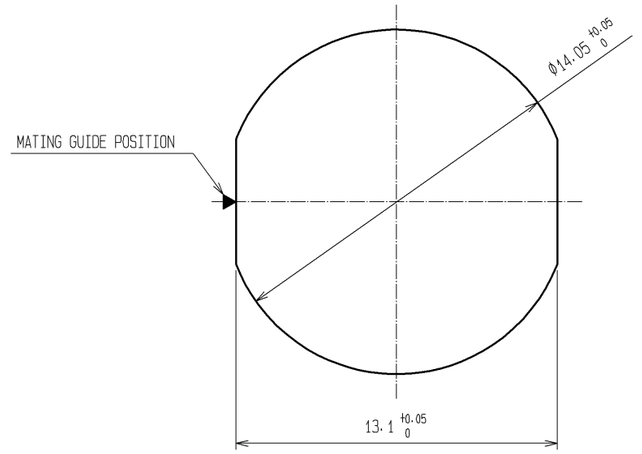




PCB LAYOUT
(INDICATES THE SIDE OF THE SURFACE TO WHICH DIP POSTS ARE INSERTED.)



PANEL INSTALLATION HOLE
PANEL THICKNESS(0.7 TO 2)



NOTES
1 PLATING(REF.NO.③)
CONTACT AREA : GOLD 0.2μm min.
DIP AREA : GOLD 0.03μm min.
UNDER PLATING : NICKEL 2μm min.
2 THE RECOMMENDED TIGHTENING TORQUE OF REF.NO.⑦ TO BE 2 TO 2.5N・m.
THREAD LOCKER TO THE 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					

HIROSE ELECTRIC CO., LTD.

APPROVED	SU. OBARA	11.12.05
CHECKED	HY. KISHI	11.12.05
DESIGNED	WR. AJIRO	11.12.02
DRAWN	WR. AJIRO	11.12.02

DRAWING NO. EDC3-117709-00
PART NO. LF13WBR-20SD
CODE NO. CL136-1017-7-00
1/1