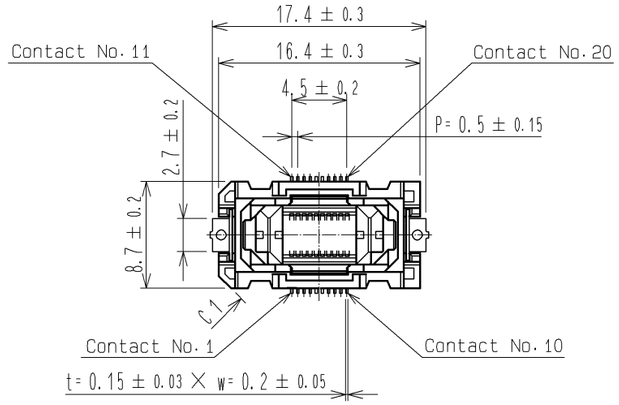
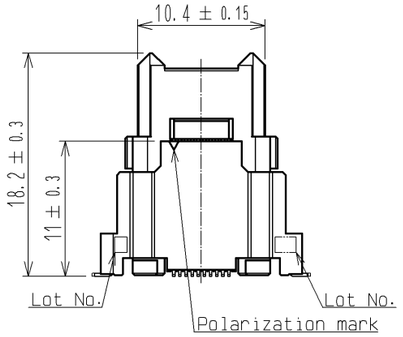
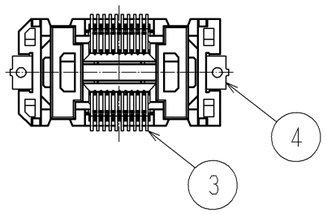
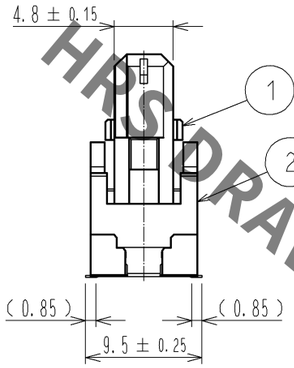
Oct.1.2022 Copyright 2022 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

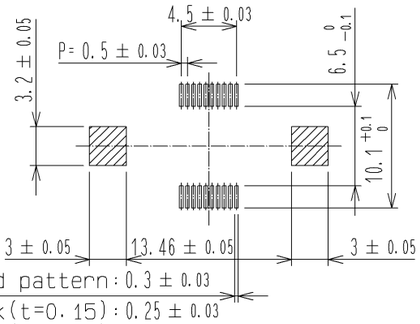






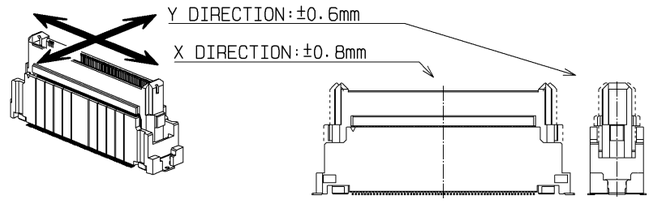


Recommended land pattern dimension of PCB

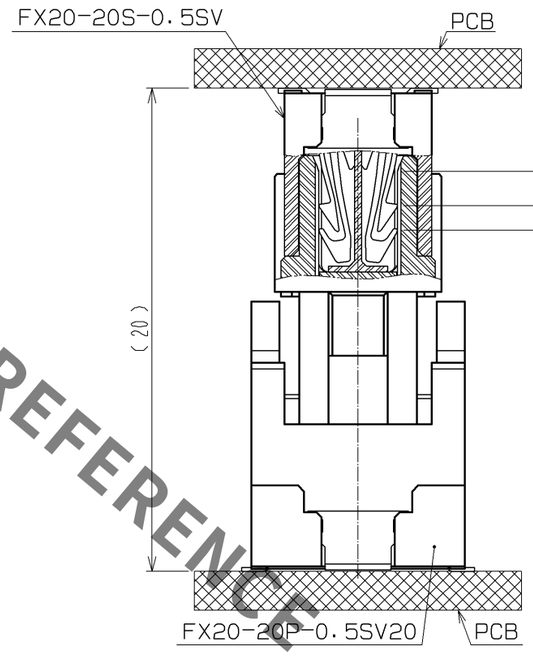


Land pattern : 0.3 ± 0.03
Metal mask (t=0.15) : 0.25 ± 0.03
Metal mask (t=0.12) : 0.3 ± 0.03

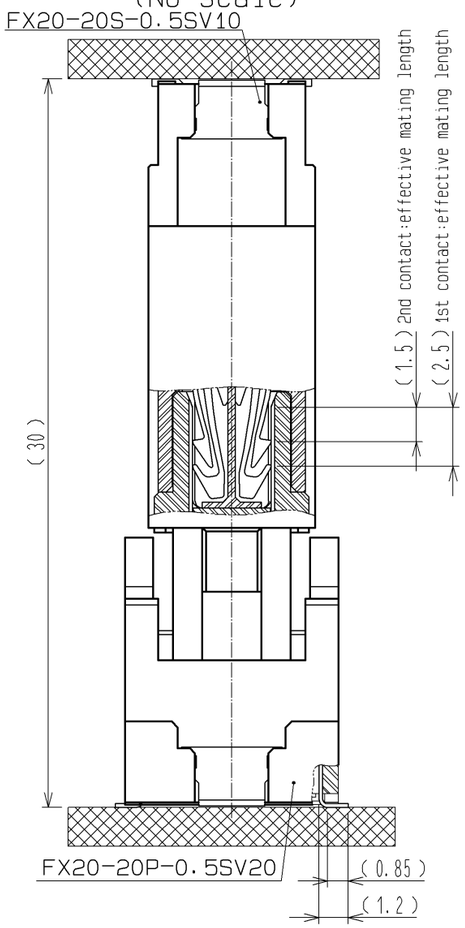
3 FLOATING RANGE



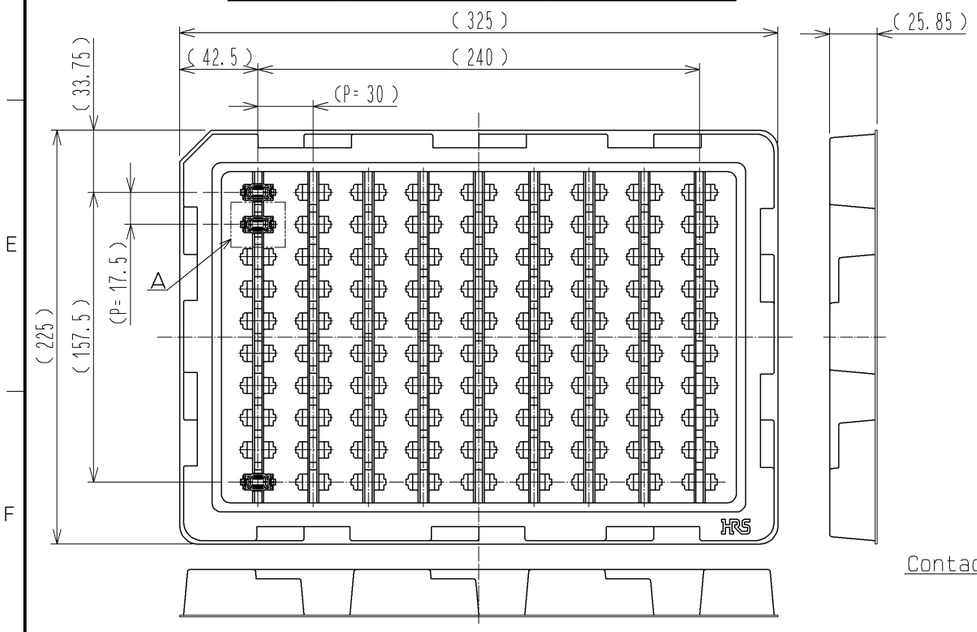
Drawing for mating (No scale)

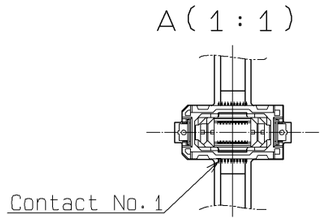


Drawing for mating (No scale)



2 Drawing for packing (No scale)





1 Lead CO-Planarity is 0.1mm MAX.
2 This is packaged in tray. (90pcs/tray)
3 Floating range of this connector is ±0.8mm MAX in the X direction and ±0.6mm MAX in the Y direction.
4 Blemish and hit mark can be occured through out the manufacturing process which doesn't affect quality level.
5 Please note that excessive wrenching force could damage this connector.
Please refer to the guideline for detailed regulations of the mating method.
6 The dimensions in parentheses are for references.

NO.	MATERIAL	FINISH , REMARKS
2	POLYAMIDE	BLACK UL94V-0
1	POLYAMIDE	BLACK UL94V-0

NO.	MATERIAL	FINISH , REMARKS
4	BRASS	TIN-PLATING 1μm
3	COPPER ALLOY	CONTACT AREA: GOLD 0.1μm
		LEAD AREA : GOLD 0.03μm
		UNDER PLATING: NICKEL 1μm

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	△					

HRS HIROSE ELECTRIC CO., LTD.

APPROVED	HS. OKAWA	13. 10. 07	DRAWING NO. EDC3-349946-00
CHECKED	KI. HIROKAWA	13. 10. 07	PART NO. FX20-20P-0.5SV20
DESIGNED	TS. OONO	13. 10. 07	
DRAWN	TS. OONO	13. 10. 07	CODE NO. CL570-1015-5-00 △ 1/1

HRS DRAWING FOR REFERENCE