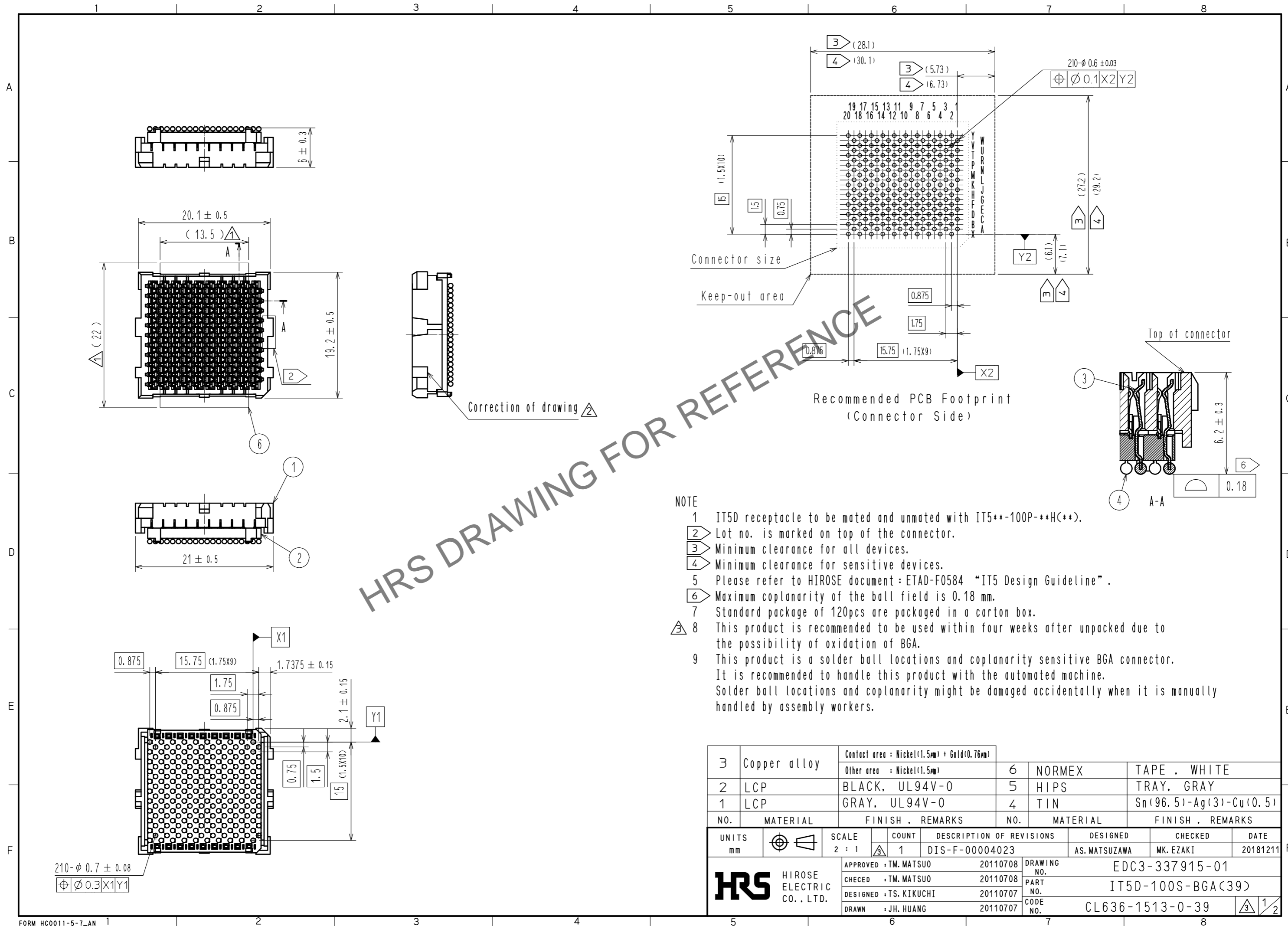


Dec.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

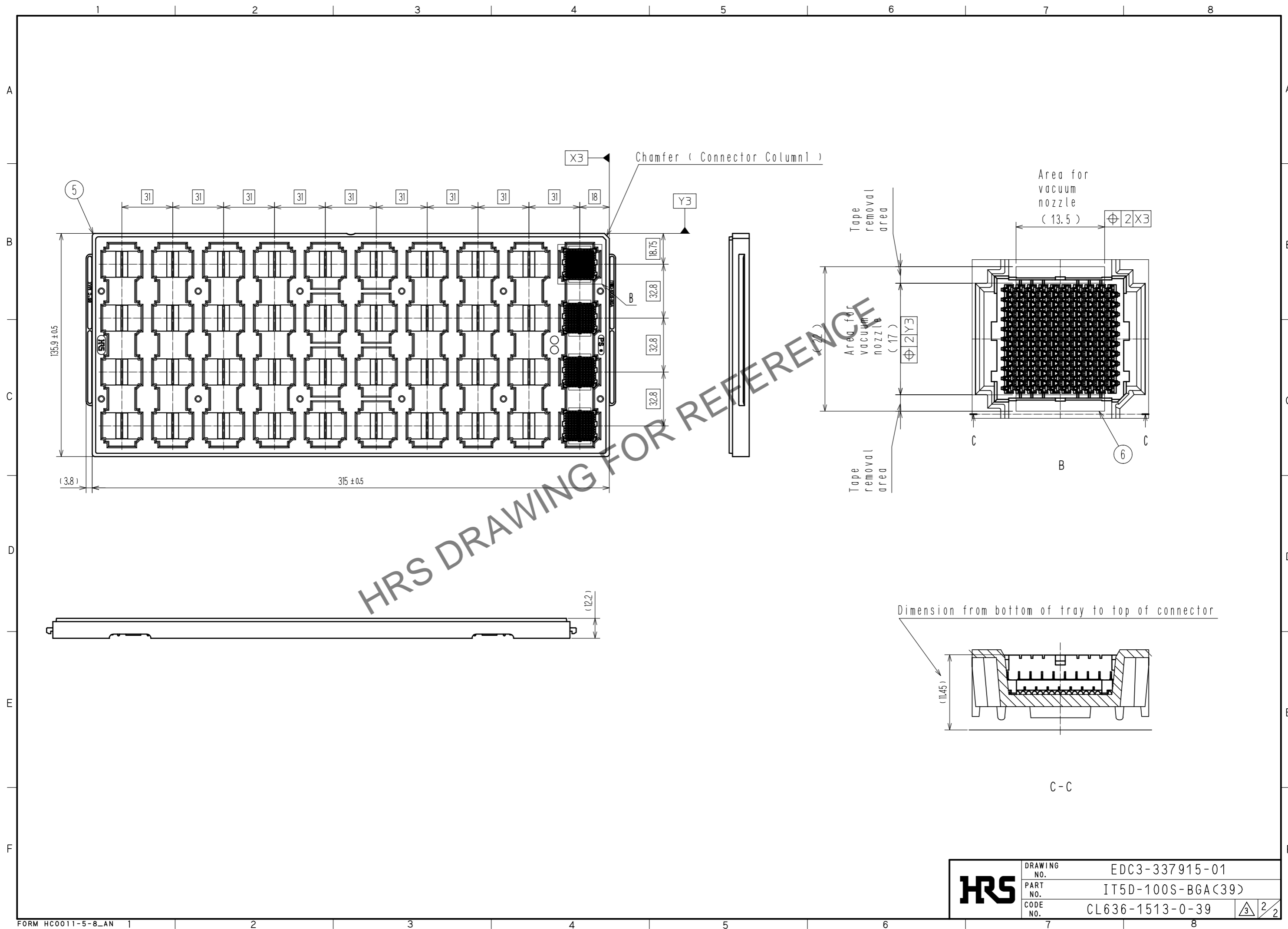


HRS DRAWING FOR REFERENCE

- NOTE**
- 1 IT5D receptacle to be mated and unmated with IT5**100P**H(**).
 - 2 Lot no. is marked on top of the connector.
 - 3 Minimum clearance for all devices.
 - 4 Minimum clearance for sensitive devices.
 - 5 Please refer to HIROSE document : ETAD-F0584 "IT5 Design Guideline".
 - 6 Maximum coplanarity of the ball field is 0.18 mm.
 - 7 Standard package of 120pcs are packaged in a carton box.
 - 8 This product is recommended to be used within four weeks after unpacked due to the possibility of oxidation of BGA.
 - 9 This product is a solder ball locations and coplanarity sensitive BGA connector. It is recommended to handle this product with the automated machine. Solder ball locations and coplanarity might be damaged accidentally when it is manually handled by assembly workers.

3	Copper alloy	Contact area : Nickel(1.5 μ m) + Gold(0.76 μ m) Other area : Nickel(1.5 μ m)	6	NORMEX	TAPE . WHITE
2	LCP	BLACK, UL94V-0	5	HIPS	TRAY, GRAY
1	LCP	GRAY, UL94V-0	4	TIN	Sn(96.5)-Ag(3)-Cu(0.5)
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
UNITS mm		SCALE 2 : 1	COUNT 1	DESCRIPTION OF REVISIONS DIS-F-00004023	DESIGNED AS. MATSUZAWA
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : TM. MATSUO 20110708	DRAWING NO. EDC3-337915-01		
		CHECED : TM. MATSUO 20110708	PART NO. IT5D-100S-BGA(39)		
		DESIGNED : TS. KIKUCHI 20110707	CODE NO. CL636-1513-0-39		
		DRAWN : JH. HUANG 20110707	1/2		

Dec.1.2024 Copyright 2024 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.



HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC3-337915-01
	PART NO.	IT5D-100S-BGA(39)
	CODE NO.	CL636-1513-0-39
		3/2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirose Electric:](#)

[IT5D-100S-BGA\(39\)](#)