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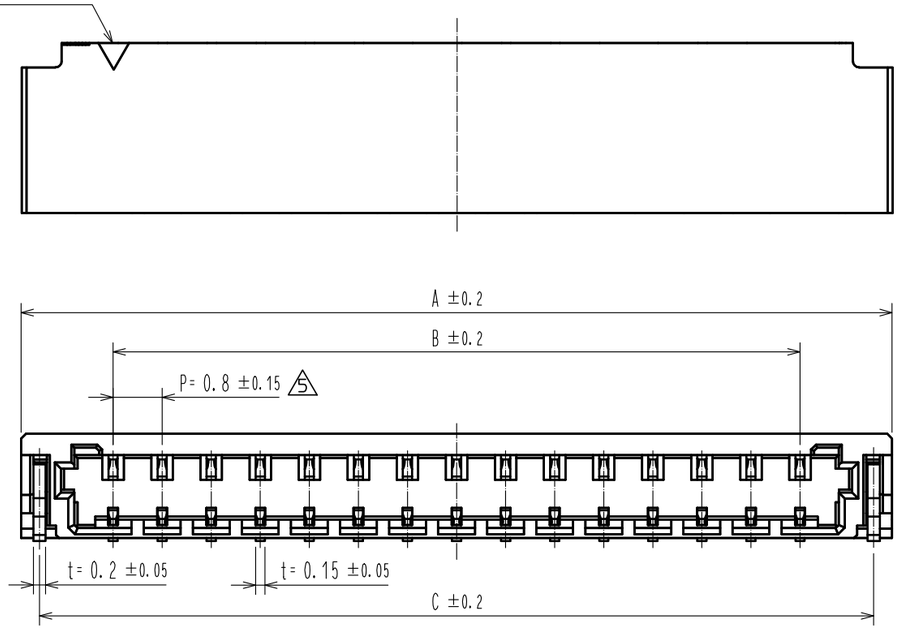
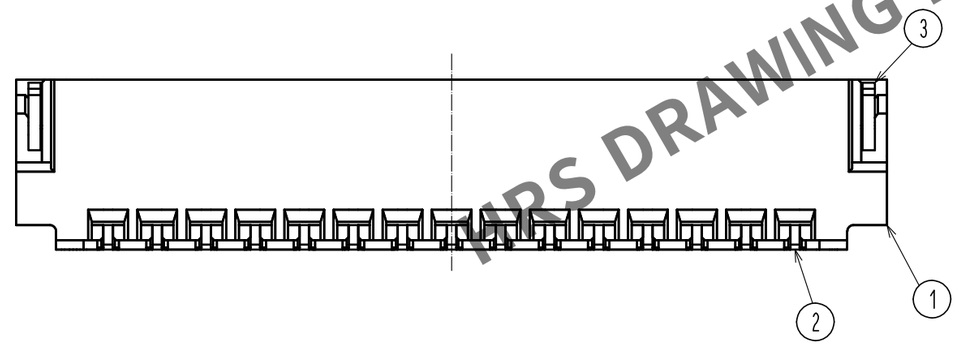
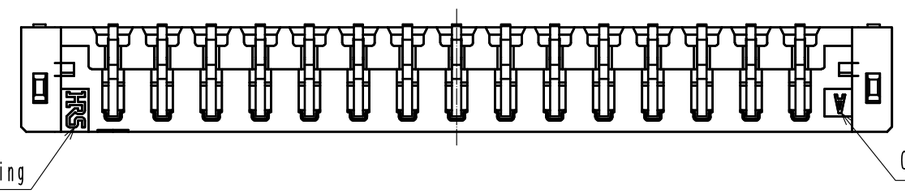
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

HRS DRAWING FOR REFERENCE

Contact No.1 marking

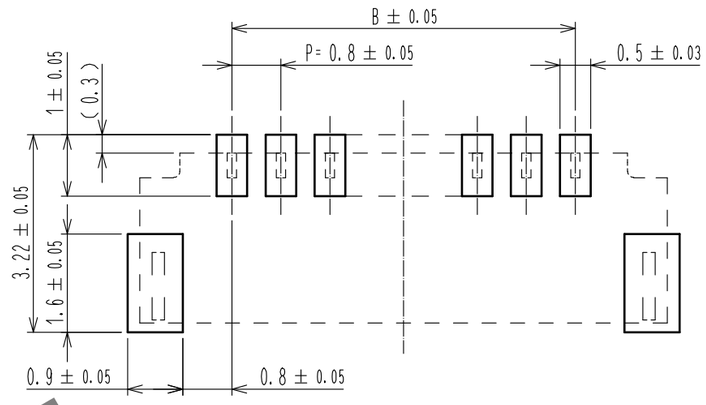


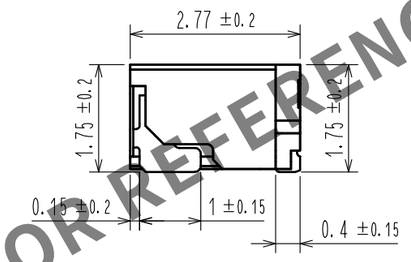




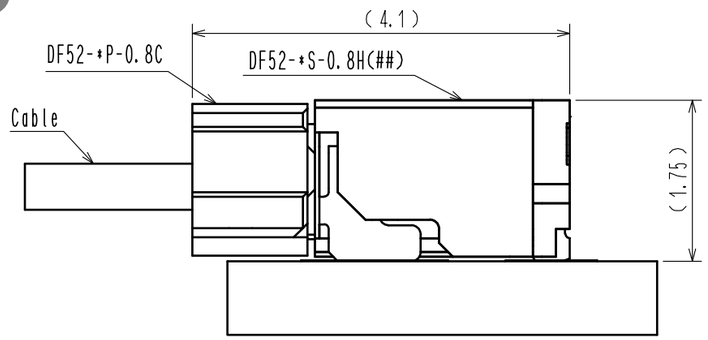
Note 1. Lead co-planarity shall be 0.1mm MAX.
2. Please consult HIROSE when the product is mounted to FPC.

Recommended PCB layout
Recommended metal mask (thickness:0.1mm)





Mating Figure (Free)



Part No.	Code No.	A	B	C
DF52-2S-0.8H(21)	CL0668-0004-5-21	3.8	0.8	3.2
DF52-3S-0.8H(21)	CL0668-0022-7-21	4.6	1.6	4.0
DF52-4S-0.8H(21)	CL0668-0005-8-21	5.4	2.4	4.8
DF52-5S-0.8H(21)	CL0668-0023-0-21	6.2	3.2	5.6
DF52-6S-0.8H(21)	CL0668-0006-0-21	7.0	4.0	6.4
DF52-8S-0.8H(21)	CL0668-0007-3-21	8.6	5.6	8.0
DF52-10S-0.8H(21)	CL0668-0008-6-21	10.2	7.2	9.6
DF52-12S-0.8H(21)	CL0668-0009-9-21	11.8	8.8	11.2
DF52-14S-0.8H(21)	CL0668-0024-2-21	13.4	10.4	12.8
DF52-15S-0.8H(21)	CL0668-0010-8-21	14.2	11.2	13.6
DF52-16S-0.8H(21)	CL0668-0025-5-21	15.0	12.0	14.4
DF52-17S-0.8H(21)	CL0668-0001-7-21	15.8	12.8	15.2
DF52-20S-0.8H(21)	CL0668-0011-0-21	18.2	15.2	17.6

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	Brass 5	Surface:tin plating 1μmMIN	6	PS	Black(Reel)
2	Copper alloy	Surface:tin plating 1μmMIN	5	Polyester	Clear(Cover tape), ANTI-STATIC
1	Polyamide	Black, UL94V-0	4	PS	Clear(Embossed carier tape), ANTI-STATIC

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	10:1	5	2	DIS-H-00003668	HK. HAYASHI	TS. FUKUSHIMA	18.03.22

HIROSE ELECTRIC CO., LTD.

APPROVED	KI. AKIYAMA	14.06.27
CHECED	HK. UMEHARA	14.06.27
DESIGNED	TH. YOSHIZAWA	14.06.26
DRAWN	TH. YOSHIZAWA	14.06.26

DRAWING NO.	EDC3-356517-01
PART NO.	DF52-*S-0.8H(21)
CODE NO.	CL668- 5 1/2

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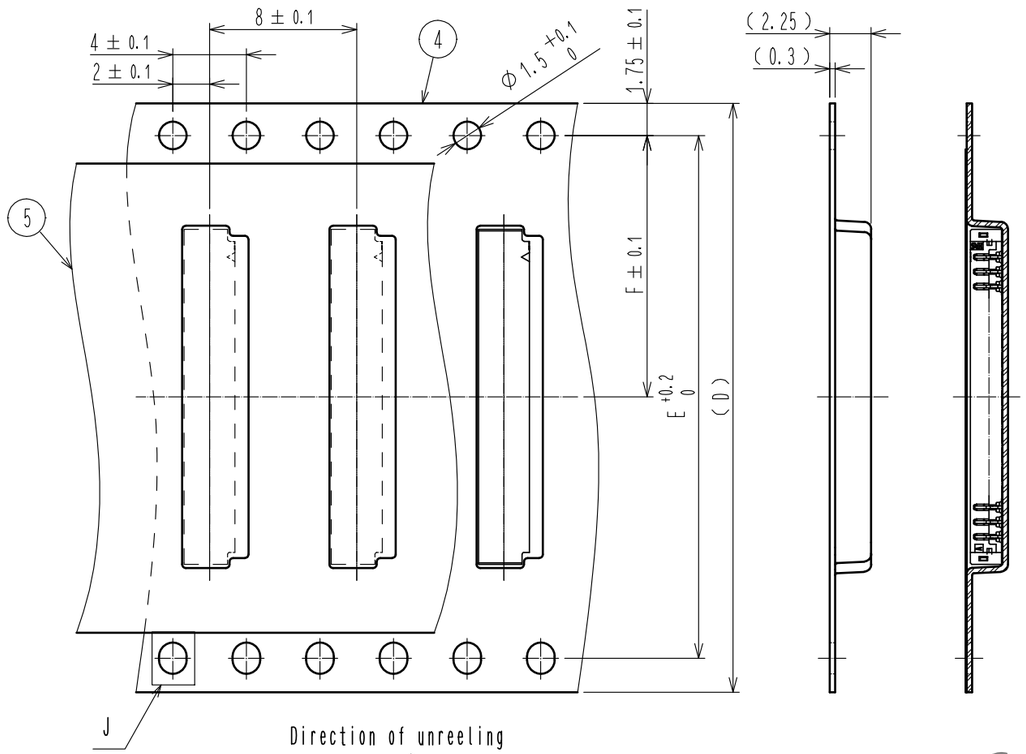
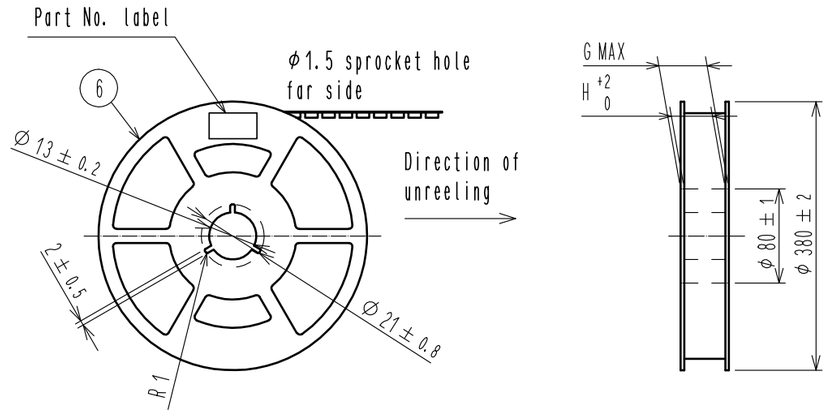
Drawing for packing (Free)



Style and dimension of reel (Free)

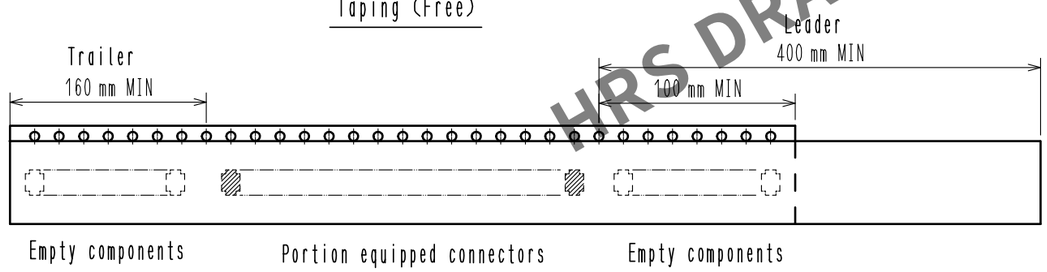


Detail of part No. label

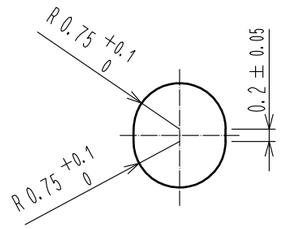
Lot No.	170 7010
CL Code	CL668-0001-7-21
品 名 (Part Number)	DF52-17S-0.8H(21)
納入数量 (Q'ty)	5000 KO
ヒロセ電機(株)	

7

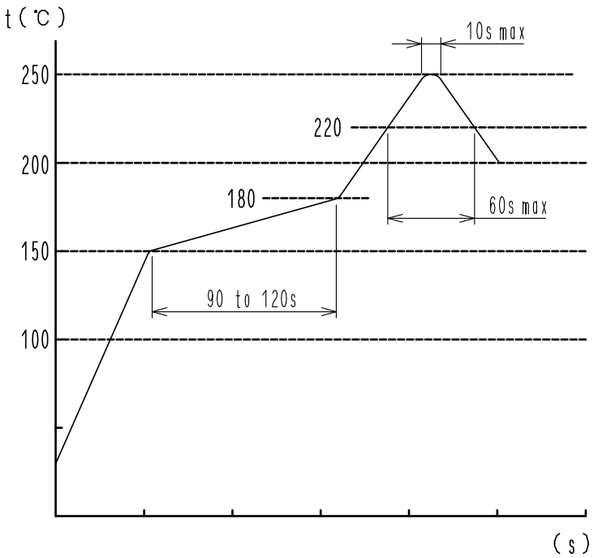
Taping (Free)



5 J(10:1)



Reflow temperature profile using lead-free solder paste (Reference)



Number of reflow cycles 2 cycles MAX.
The temperature is measured in the terminal lead part.

Additional factors, such as solder paste type, PCB size and other mounted components could affect the profile, therefore, a thorough evaluation of mounting condition is required prior to production.

Note 3. 1reel:5000 connectors.
4. ( )is reference dimension.
5 When the tape width is 32mm, sprocket holes shall be set on both side of reel as shown on this drawing.
6 Refer to JIS C 0806.(Packaging of components for automationg handling)
7 Each meaning of Lot No. are shown below.

170 7010
- Serial number of reel
- '0'
- Number of contacts(Ex. 17 contacts:17, 2 contacts: 02)

Part No.	Code No.	D	E	F	G	H
DF52-2S-0.8H(21)	CL0668-0004-5-21	16.0		7.5	22.4	16.4
DF52-3S-0.8H(21)	CL0668-0022-7-21	16.0		7.5	22.4	16.4
DF52-4S-0.8H(21)	CL0668-0005-8-21	16.0		7.5	22.4	16.4
DF52-5S-0.8H(21)	CL0668-0023-0-21	16.0		7.5	22.4	16.4
DF52-6S-0.8H(21)	CL0668-0006-0-21	16.0		7.5	22.4	16.4
DF52-8S-0.8H(21)	CL0668-0007-3-21	24.0		11.5	30.4	24.4
DF52-10S-0.8H(21)	CL0668-0008-6-21	24.0		11.5	30.4	24.4
DF52-12S-0.8H(21)	CL0668-0009-9-21	24.0		11.5	30.4	24.4
DF52-14S-0.8H(21)	CL0668-0024-2-21	24.0		11.5	30.4	24.4
DF52-15S-0.8H(21)	CL0668-0010-8-21	24.0		11.5	30.4	24.4
DF52-16S-0.8H(21)	CL0668-0025-5-21	24.0		11.5	30.4	24.4
DF52-17S-0.8H(21)	CL0668-0001-7-21	24.0		11.5	30.4	24.4
DF52-20S-0.8H(21)	CL0668-0011-0-21	32.0	28.4	14.2	38.4	32.4

HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC3-356517-01
	PART NO.	DF52-*S-0.8H(21)
	CODE NO.	CL668- 5 2/2