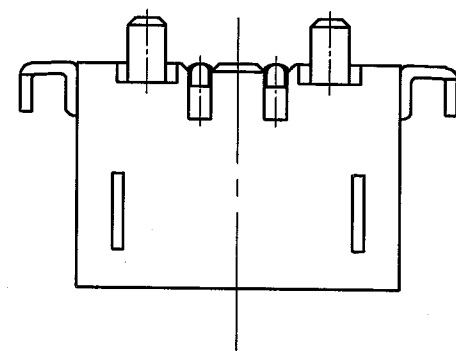
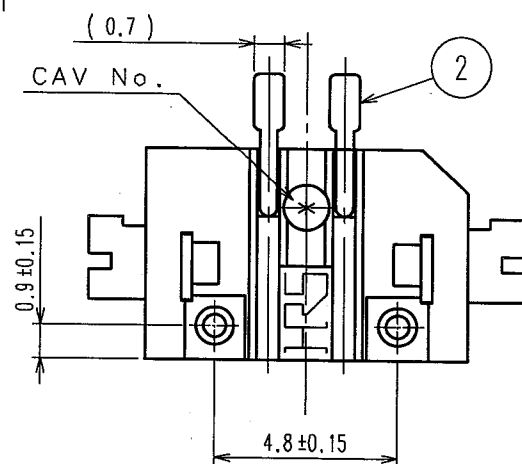
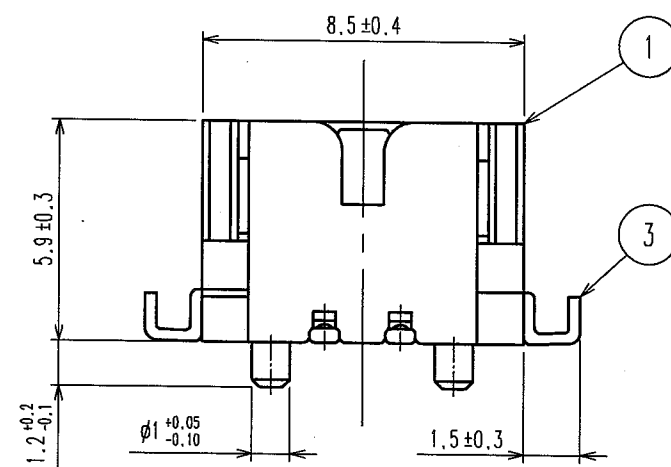
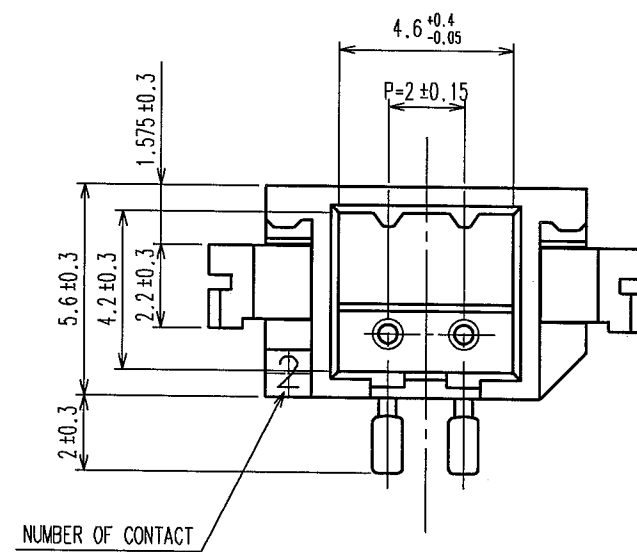
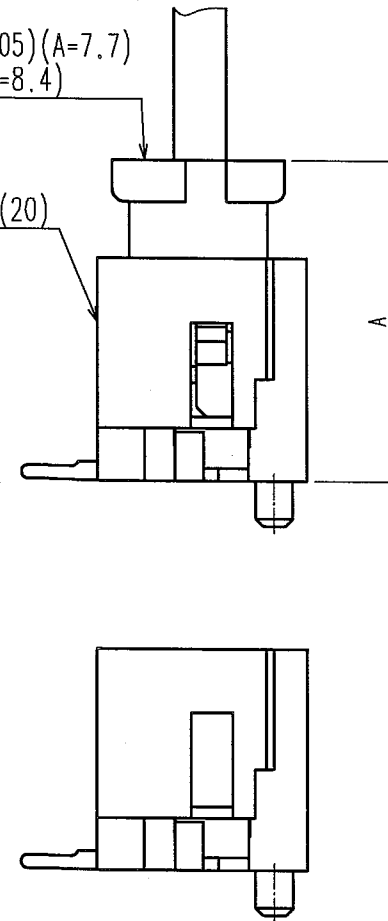




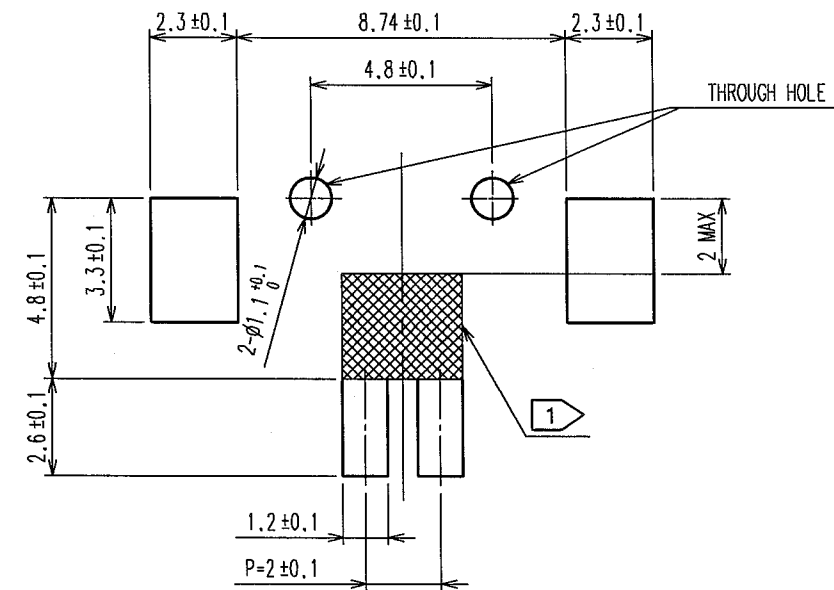
MATED CONNECTORS

DF3-2S-2R*(05)(A=7.7)
DF3-2S-2C(A=8.4)

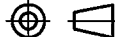
DF3Z-2P-2V(20)



RECOMMENDED PATTERN

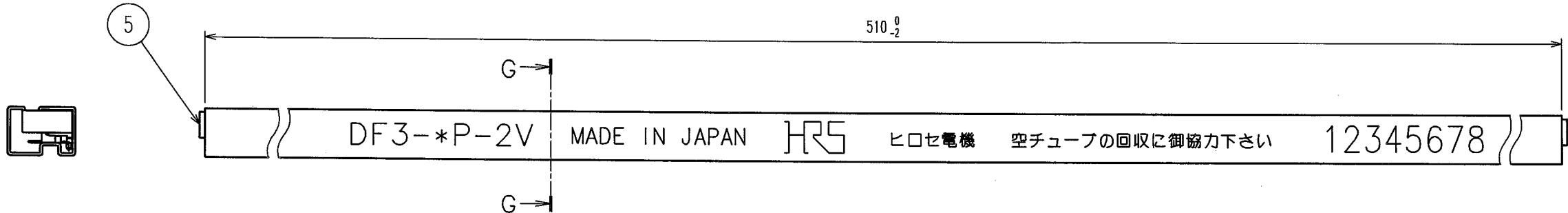


- NOTES 1 IF THERE IS PATTERN ON  PART, THERE IS A POSSIBILITY THAT IT WILL MAKE CONTACT WITH THE LEADS.
2 LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.

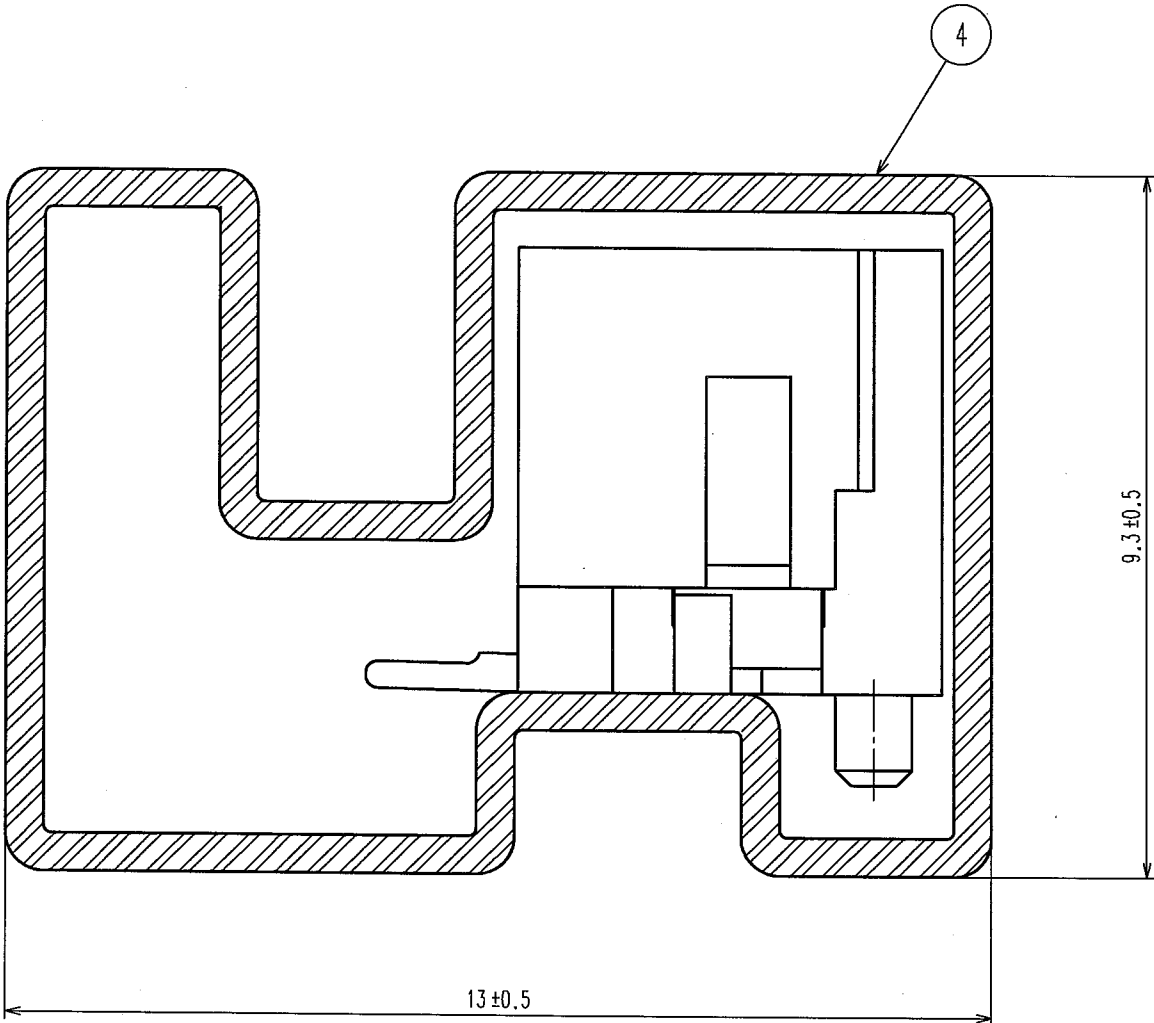
		5		S.PVC	GRAY	
2		BRASS	4		RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR
1		POLYAMIDE	3		BRASS	SURFACE:TIN PLATED 1μ m min (UNDER PLATING)NICKEL PLATED 1μ m min
NO.		MATERIAL	FINISH, REMARKS		NO.	MATERIAL
CODE NO. (OLD)		DRAWN		DESIGNED	CHECKED	APPROVED
CL		M. Nakamoto		I. Denpouya	T. Miyazaki	T. Miyazaki
		'04.11.26		'04.11.26	'04.11.26	'04.11.26
		DRAWING NO.		PART NO.		
SCALE		EDC3-301287-10		DF3Z-2P-2V(20)		
5 : 1						
UNITS		HRS		CODE NO.		
mm		HIROSE ELECTRIC CO., LTD		CL543-1028-4-20		
				1/2		

1 2 3 4 5 6 7 8

COUNT			DESCRIPTION OF REVISIONS			BY	CHKD	DATE	COUNT			DESCRIPTION OF REVISIONS			BY	CHKD	DATE
△									△								
△									△								
△									△								



G-G(10:1)

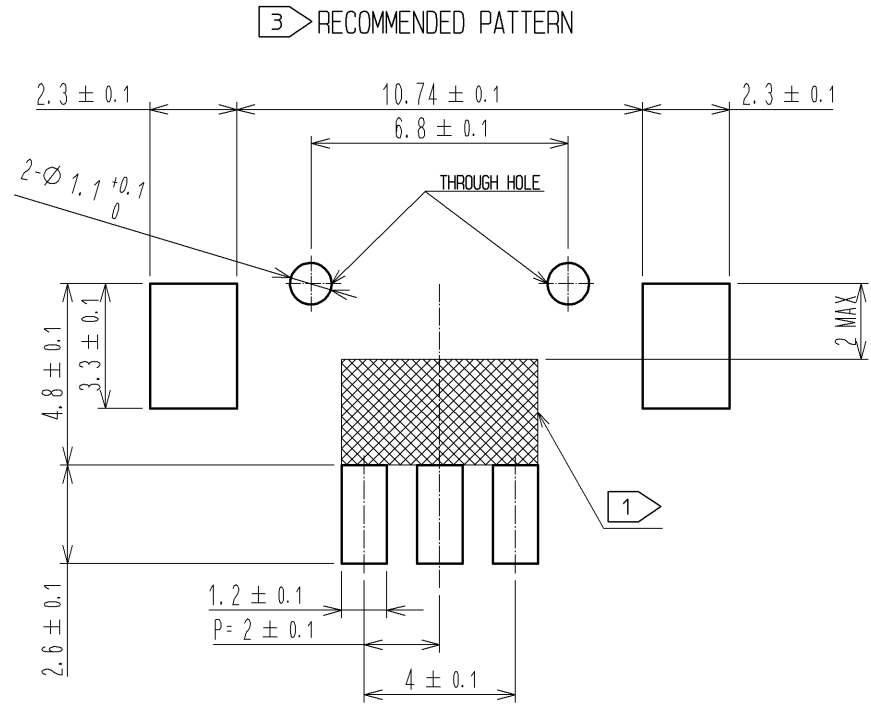
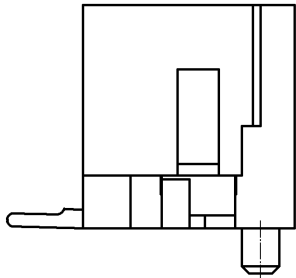
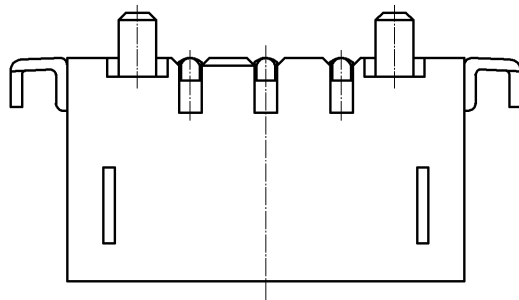
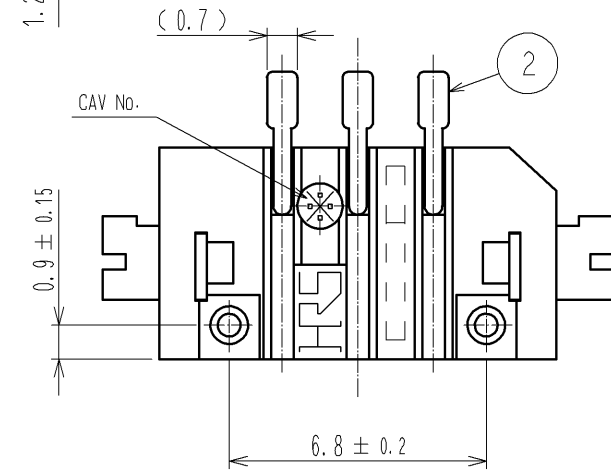
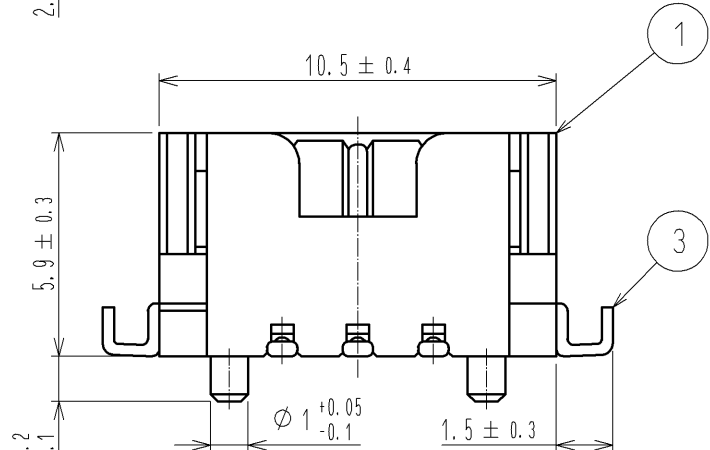
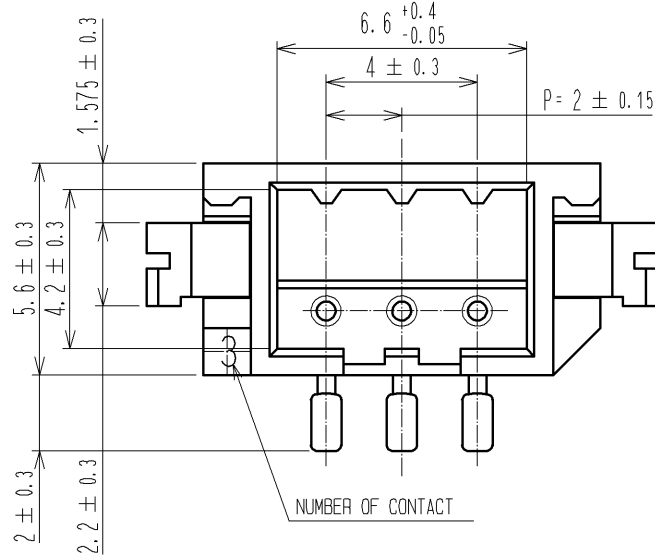


NOTES 3. NUMBER OF CONNECTORS PER A MAGAZINE CASE SHALL BE 41.
4. THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY OF 41.

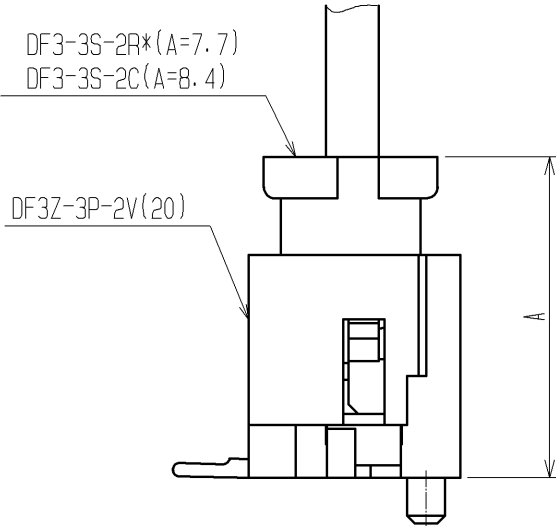
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
CODE NO. (OLD) CL			DRAWN	DESIGNED	CHECKED
			M. Nakamoto '04.11.26	J. Denpouga '04.11.26	T. Miyazaki '04.11.26
DRAWING NO. EDC3-301287-10			PART NO. DF3Z-2P-2V(20)		
SCALE FR:EE			CODE NO. CL543-1028-4-20		
UNITS mm			2		

TO

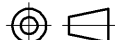
1 2 3 4 5 6 7 8

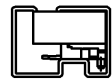


MATED CONNECTORS



- NOTES 1 IF THERE IS PATTERN ON  PART, THERE IS A POSSIBILITY THAT IS WILL MAKE CONTACT WITH THE LEADS.
2 .LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
3 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE:0.15mm~0.2mm
OPEN AREA RATIO:100%

			5	S. PVC	GRAY			
			4	RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR			
2	BRASS	SURFACE:TIN PLATED 1μm min (UNDER PLATING)COPPER PLATED 0.5μm min	3	BRASS	SURFACE:TIN PLATED 1μm min (UNDER PLATING)NICKEL PLATED 1μm min			
1	POLYAMIDE	BEIGE, UL94V-0						
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS			
UNITS mm		SCALE 5 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : TS. SAKATA	09. 01. 28	DRAWING NO.	EDC3-301288-01			
		CHECKED : TS. KUMAZAWA	09. 01. 28	PART NO.	DF3Z-3P-2V(20)			
		DESIGNED : KT. ISHII	09. 01. 28	CODE NO.	CL543-1029-7-20			
		DRAWN : KT. ISHII	09. 01. 28					
								1/2

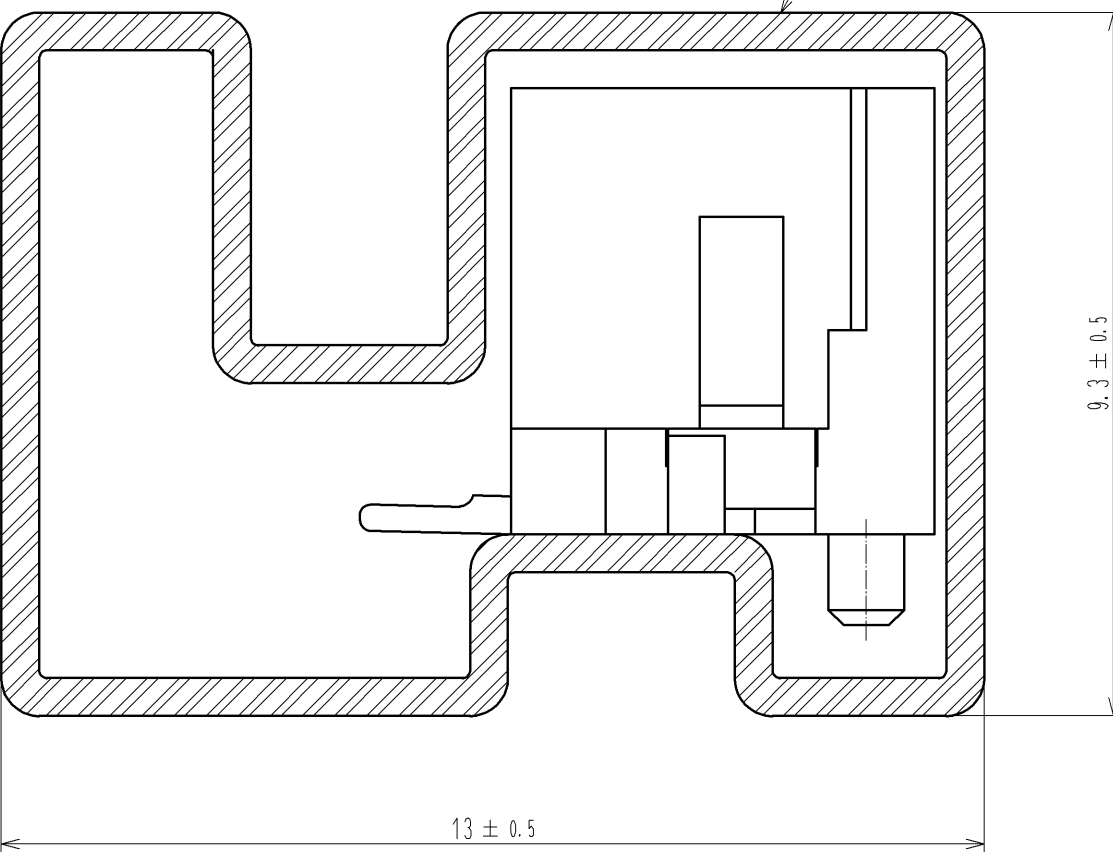


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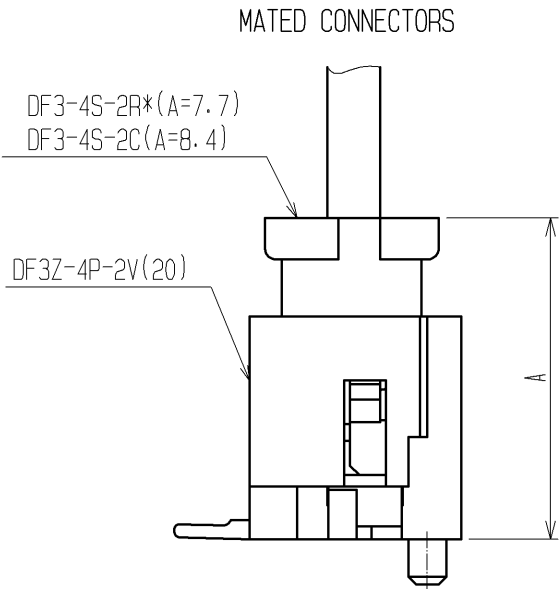
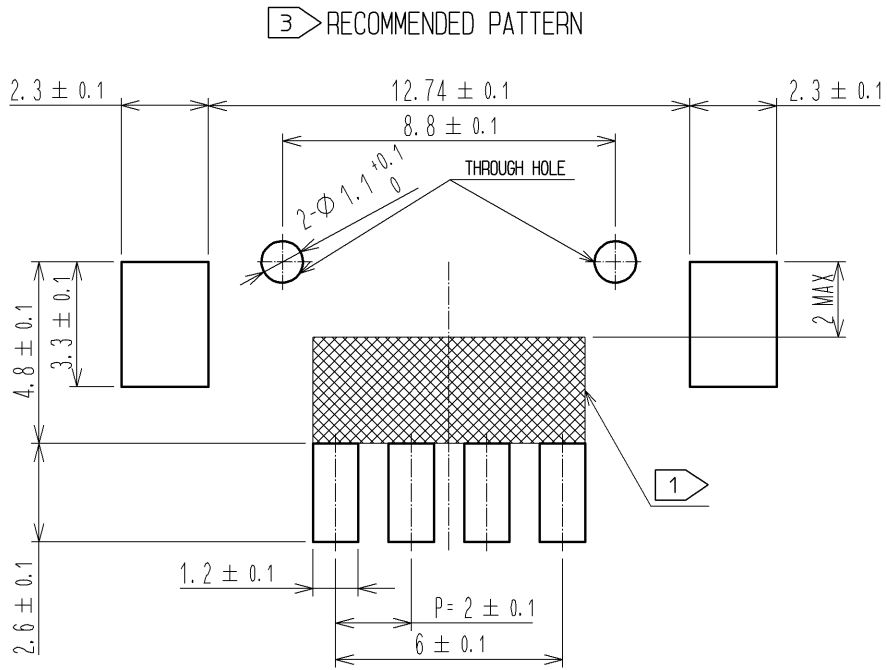
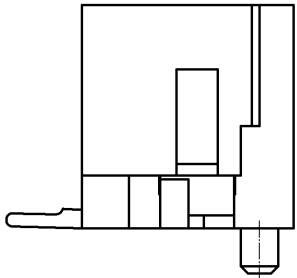
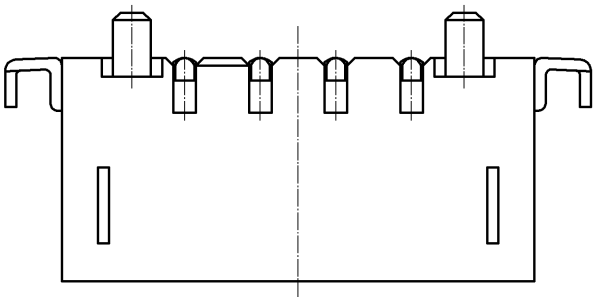
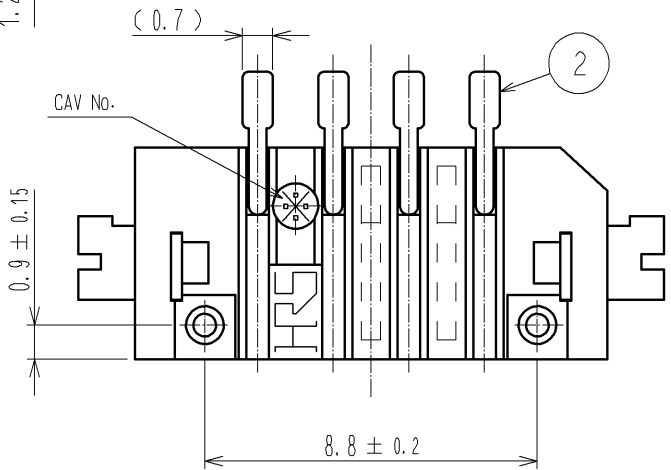
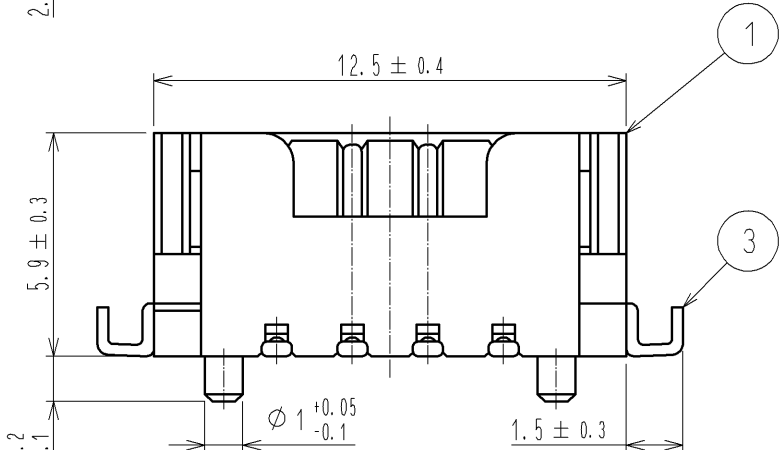
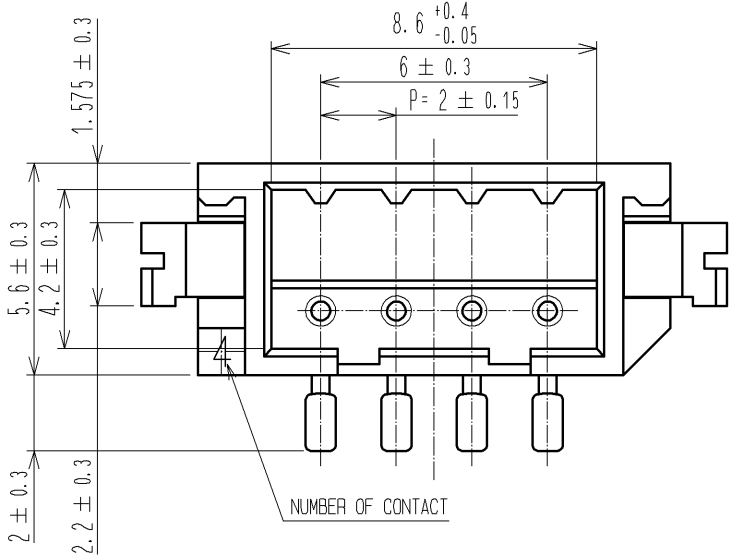
B-B (10 : 1)

4

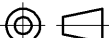


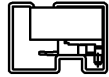
NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 34.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 34.

HRS	DRAWING NO.	EDC3-301288-01	
	PART NO.	DF3Z-3P-2V(20)	
	CODE NO.	CL543-1029-7-20	△2/2



- NOTES
- 1 IF THERE IS PATTERN ON PART, THERE IS A POSSIBILITY THAT IS WILL MAKE CONTACT WITH THE LEADS.
 - 2 . LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
 - 3 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE: 0.15mm~0.2mm
OPEN AREA RATIO: 100%

			5		S. PVC	GRAY			
			4		RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR			
2			BRASS		SURFACE:TIN PLATED 1μm min (UNDER PLATING)COPPER PLATED 0.5μm min				
1			POLYAMIDE		BEIGE, UL94V-0				
NO.			MATERIAL		FINISH , REMARKS				
			3		BRASS	SURFACE:TIN PLATED 1μm min (UNDER PLATING)NICKEL PLATED 1μm min			
NO.			MATERIAL		FINISH , REMARKS				
UNITS mm			SCALE 5 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : TS. SAKATA		09.01.28		DRAWING NO.		EDC3-301289-02	
		CHECKED : TS. KUMAZAWA		09.01.28		PART NO.		DF3Z-4P-2V(20)	
		DESIGNED : KT. ISHII		09.01.28		CODE NO.		CL543-1030-6-20	
		DRAWN : KT. ISHII		09.01.28		 1/2			

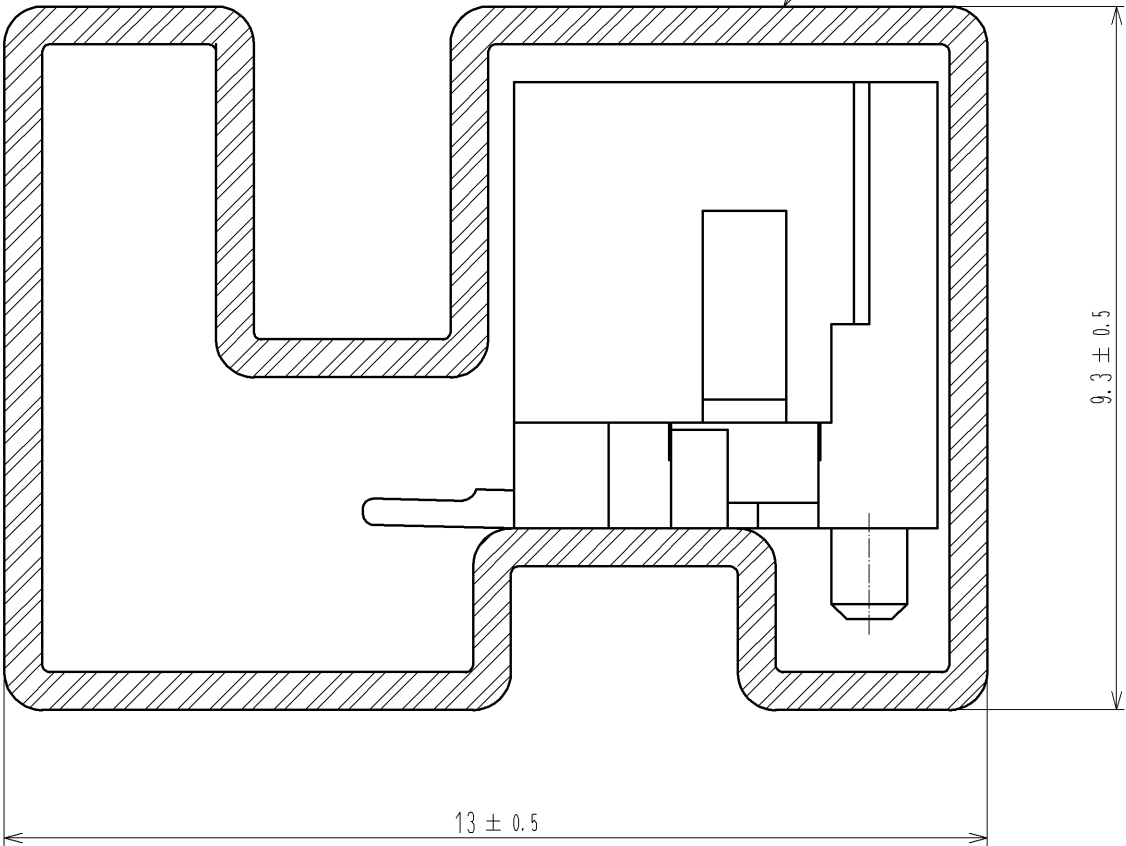


5



B-B (10 : 1)

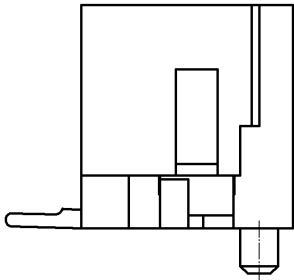
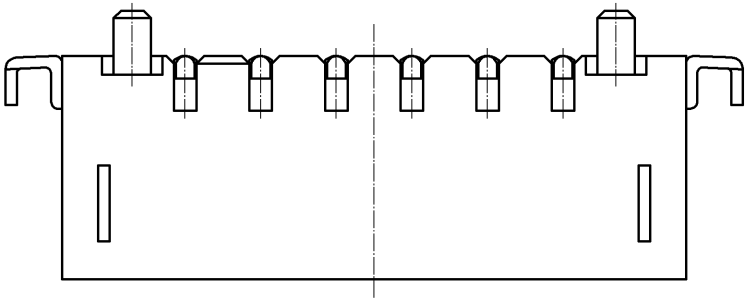
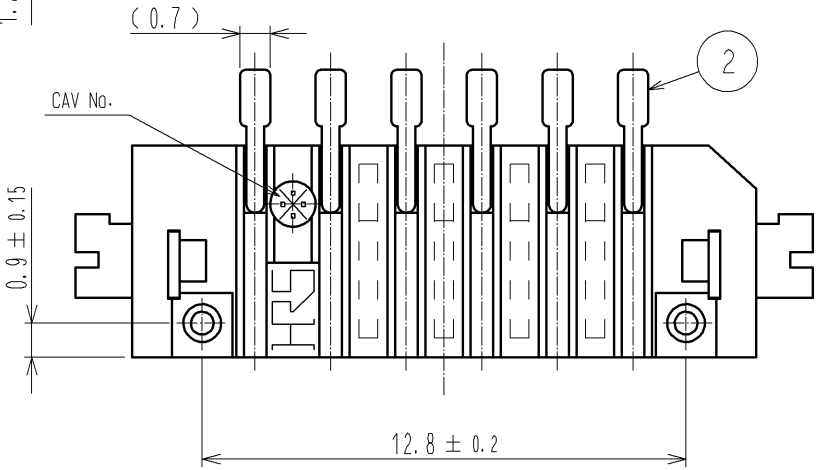
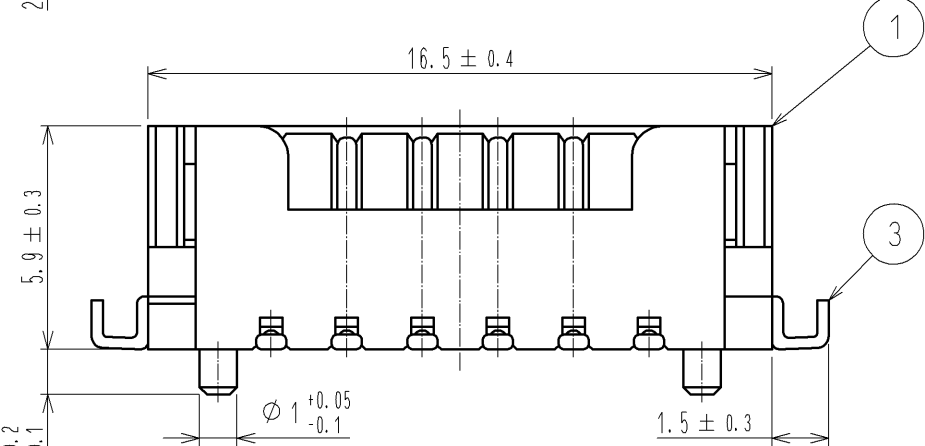
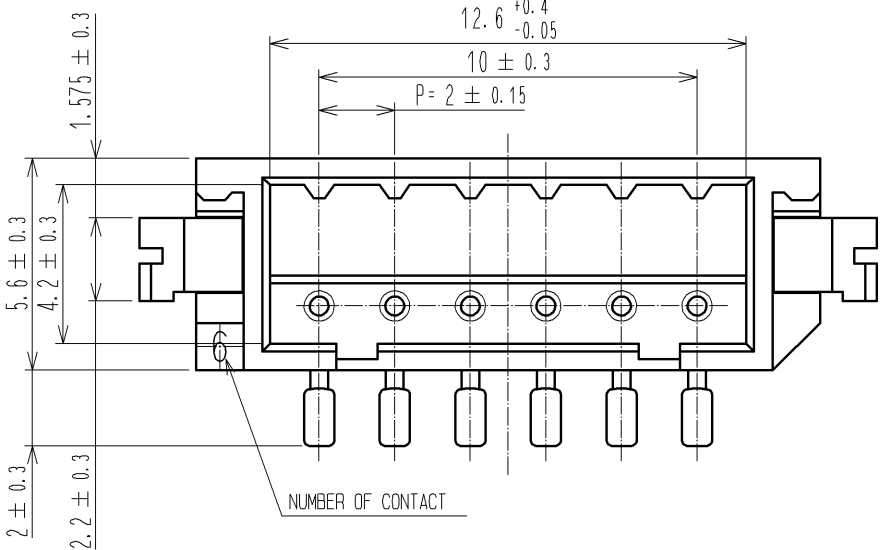
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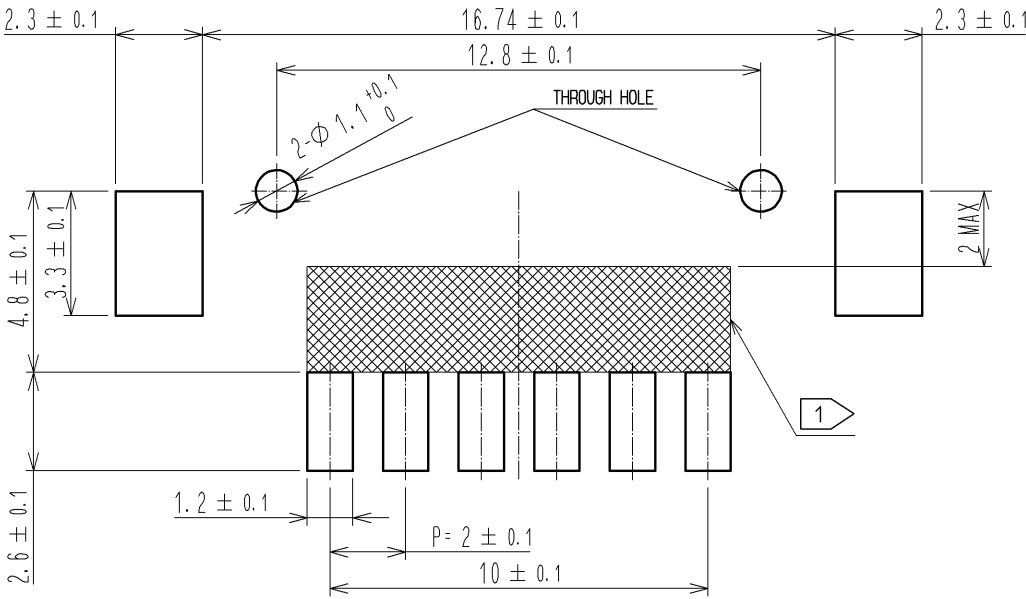
NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 30.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 30.

HRS

DRAWING NO.	EDC3-301289-02		
PART NO.	DF3Z-4P-2V(20)		
CODE NO.	CL543-1030-6-20	△	2/2



3> RECOMMENDED PATTERN

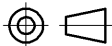


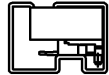
MATED CONNECTORS

DF3-6S-2R*(A=7.7)
DF3-6S-2C(A=8.4)

DF3Z-6P-2V(20)

- NOTES 1> IF THERE IS PATTERN ON  PART, THERE IS A POSSIBILITY THAT IS WILL MAKE CONTACT WITH THE LEADS.
2> LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
3> RECOMMENDED THICKNESS OF CREAM SOLDER PASTE:0.15mm~0.2mm
OPEN AREA RATIO:100%

			5		S. PVC	GRAY		
			4		RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR		
2	BRASS	SURFACE:TIN PLATED 1#m min (UNDER PLATING)COPPER PLATED 0.5#m min		3		SURFACE:TIN PLATED 1#m min (UNDER PLATING)NICKEL PLATED 1#m min		
1	POLYAMIDE	BEIGE, UL94V-0						
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS		
UNITS mm		SCALE 5 : 1	COUNT 	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED :TS. SAKATA		09. 01. 28	DRAWING NO.	EDC3-301291-01		
		CHECKED :TS. KUMAZAWA		09. 01. 28	PART NO.	DF3Z-6P-2V(20)		
		DESIGNED :KT. ISHII		09. 01. 28	CODE NO.	CL543-1032-1-20		
		DRAWN :KT. ISHII		09. 01. 28	 1/2			

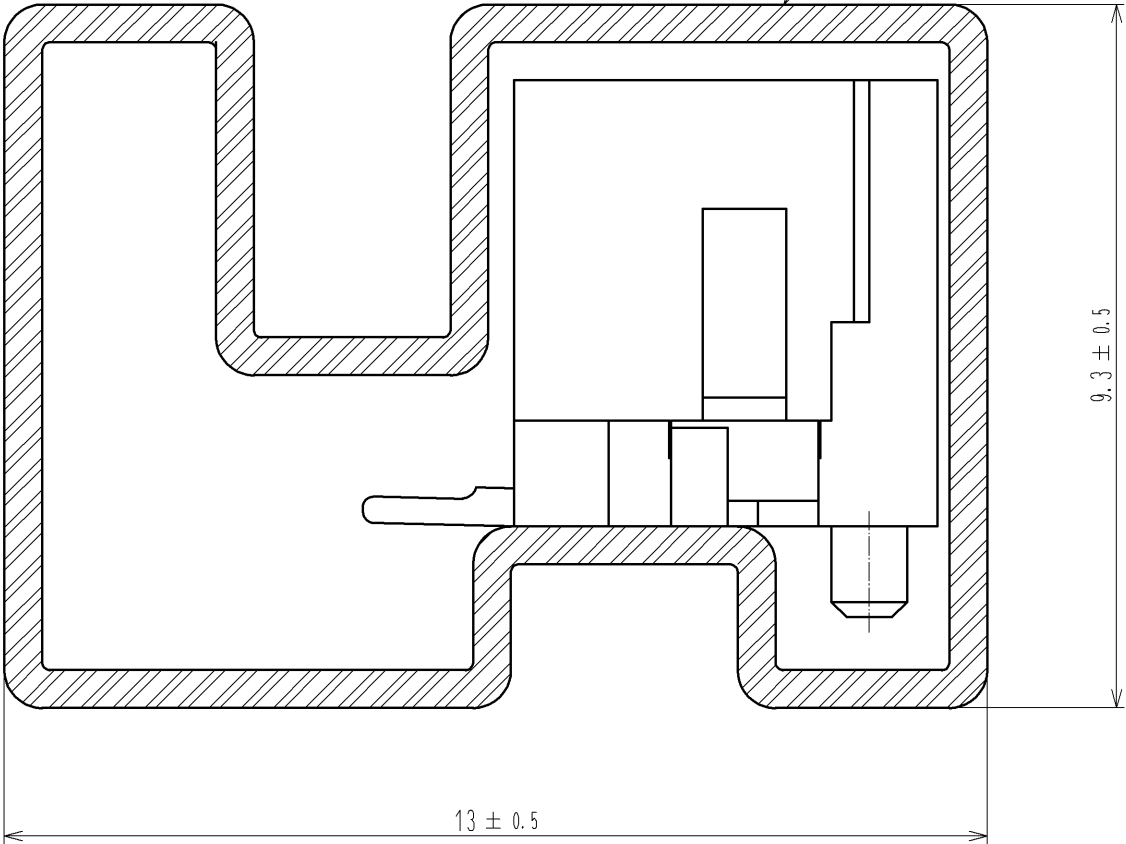


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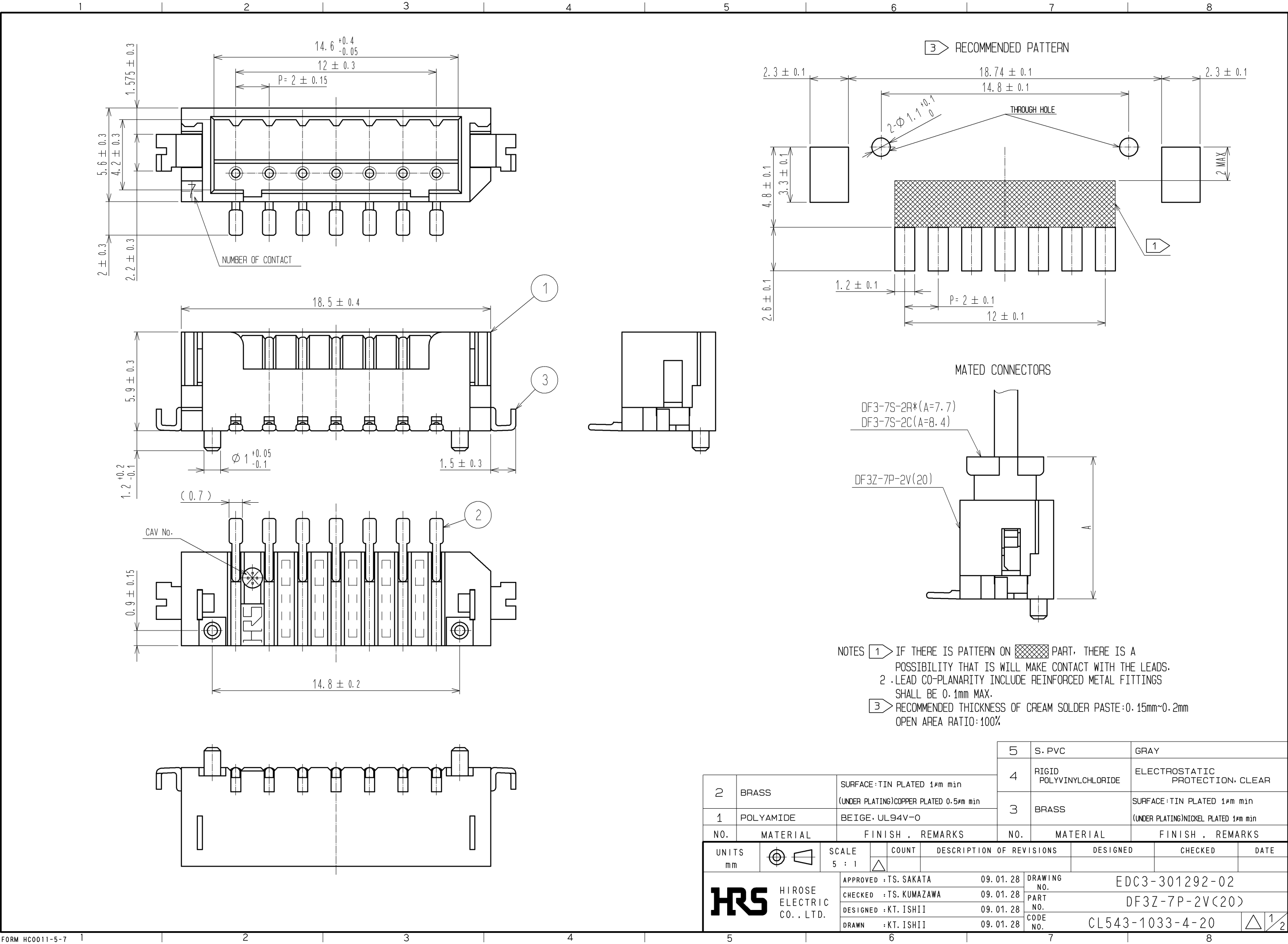
B-B (10 : 1)

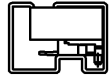
4



NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 23.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 23.

HRS	DRAWING NO.	EDC3-301291-01	
	PART NO.	DF3Z-6P-2V(20)	
	CODE NO.	CL543-1032-1-20	△2/2



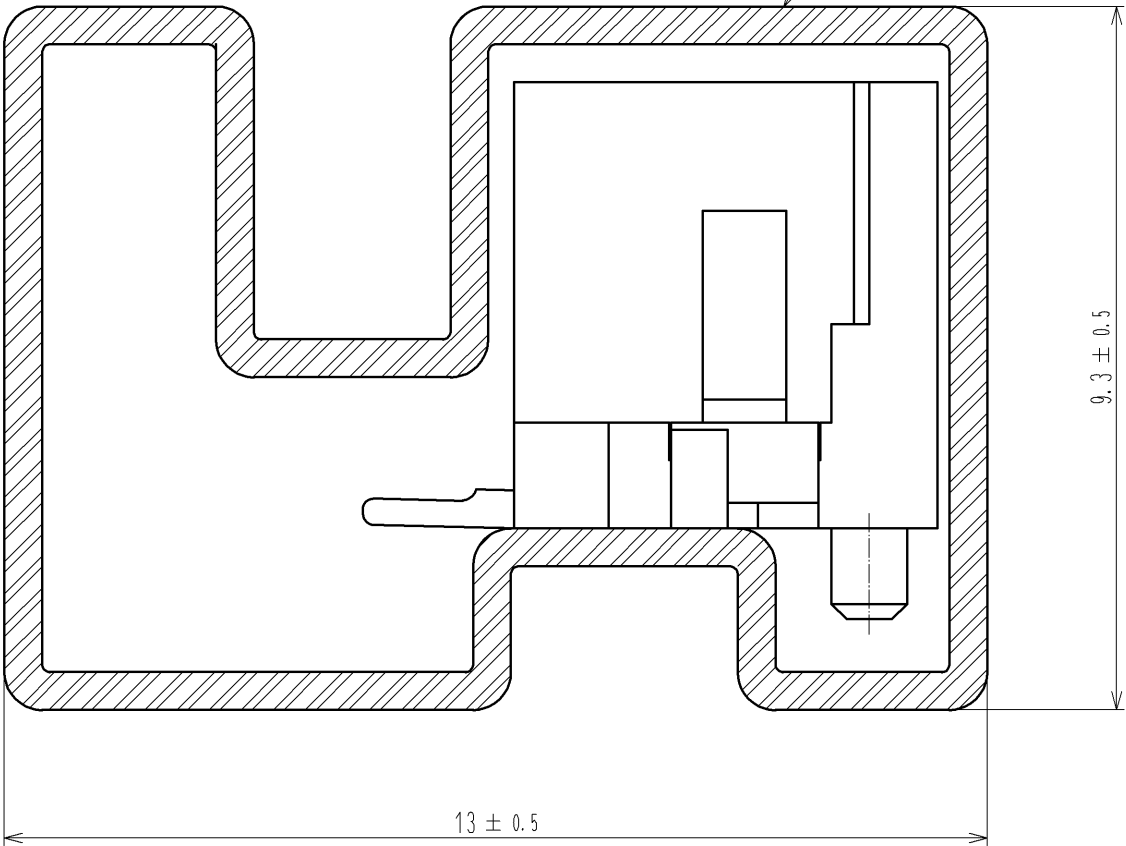


5



B-B (10 : 1)

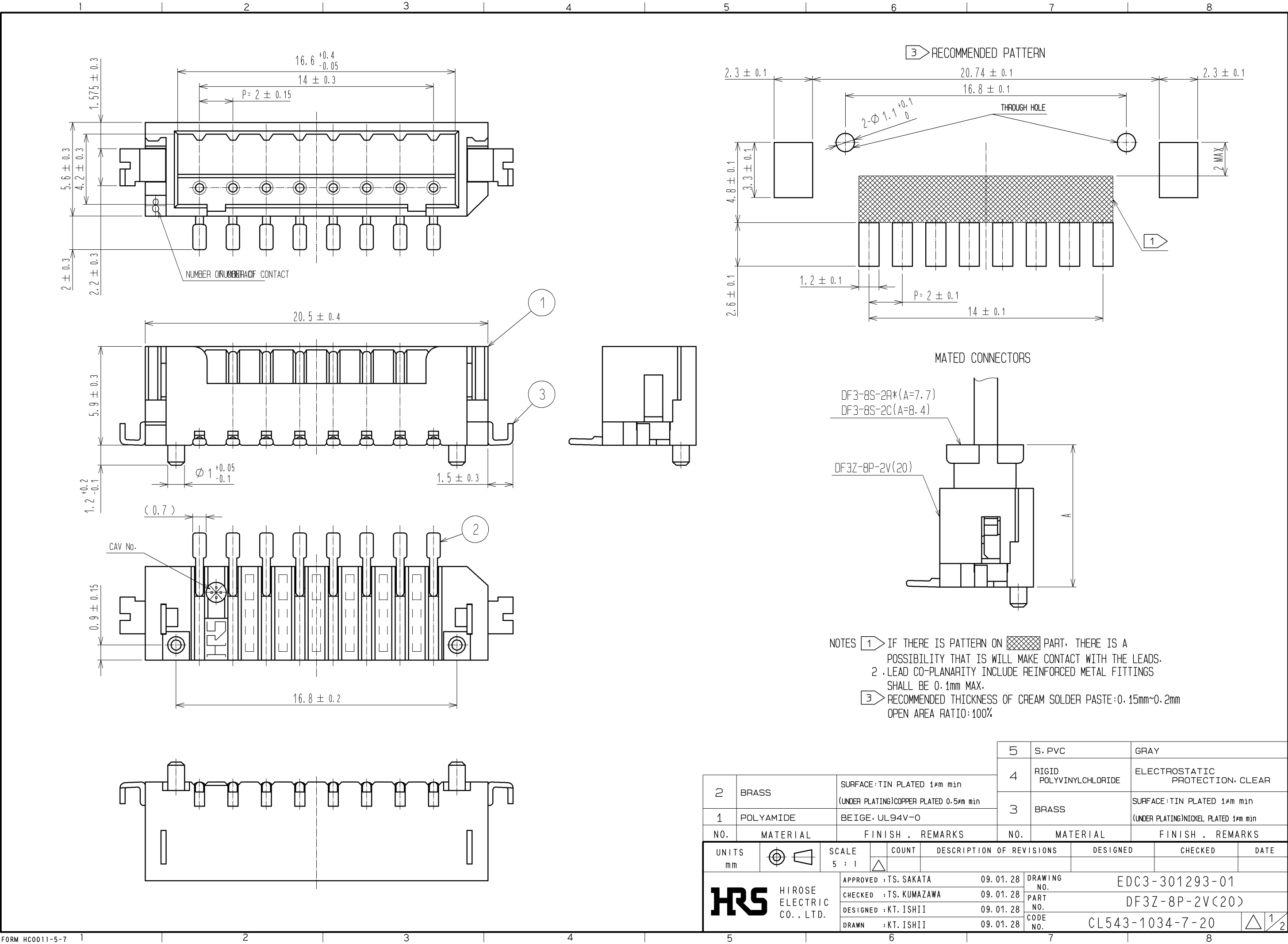
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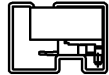


NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 21.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 21.

HRS

DRAWING NO.	EDC3-301292-02		
PART NO.	DF3Z-7P-2V(20)		
CODE NO.	CL543-1033-4-20	△	2/2



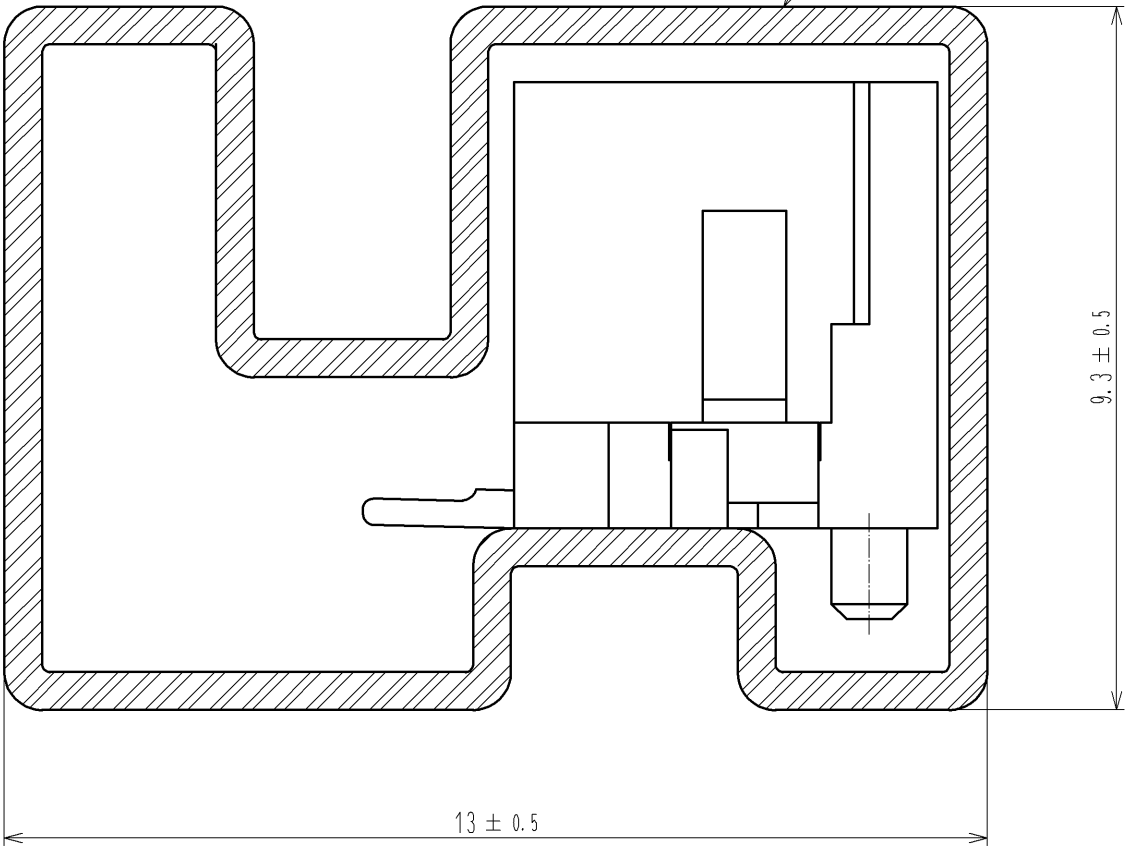


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B-B (10 : 1)

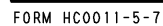
4

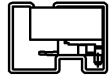


NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 19.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 19.

HRS

DRAWING NO.	EDC3-301293-01		
PART NO.	DF3Z-8P-2V(20)		
CODE NO.	CL543-1034-7-20	$\triangle$	$\frac{2}{2}$



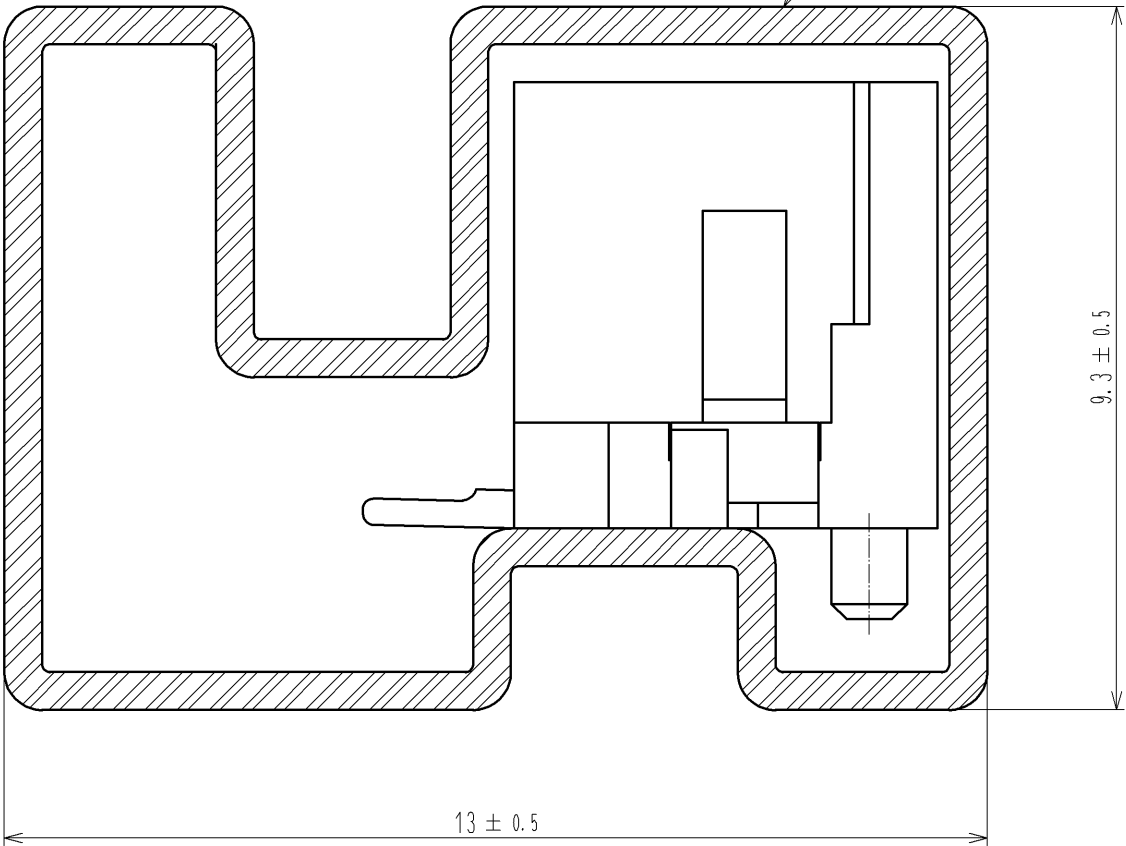


5



B-B (10 : 1)

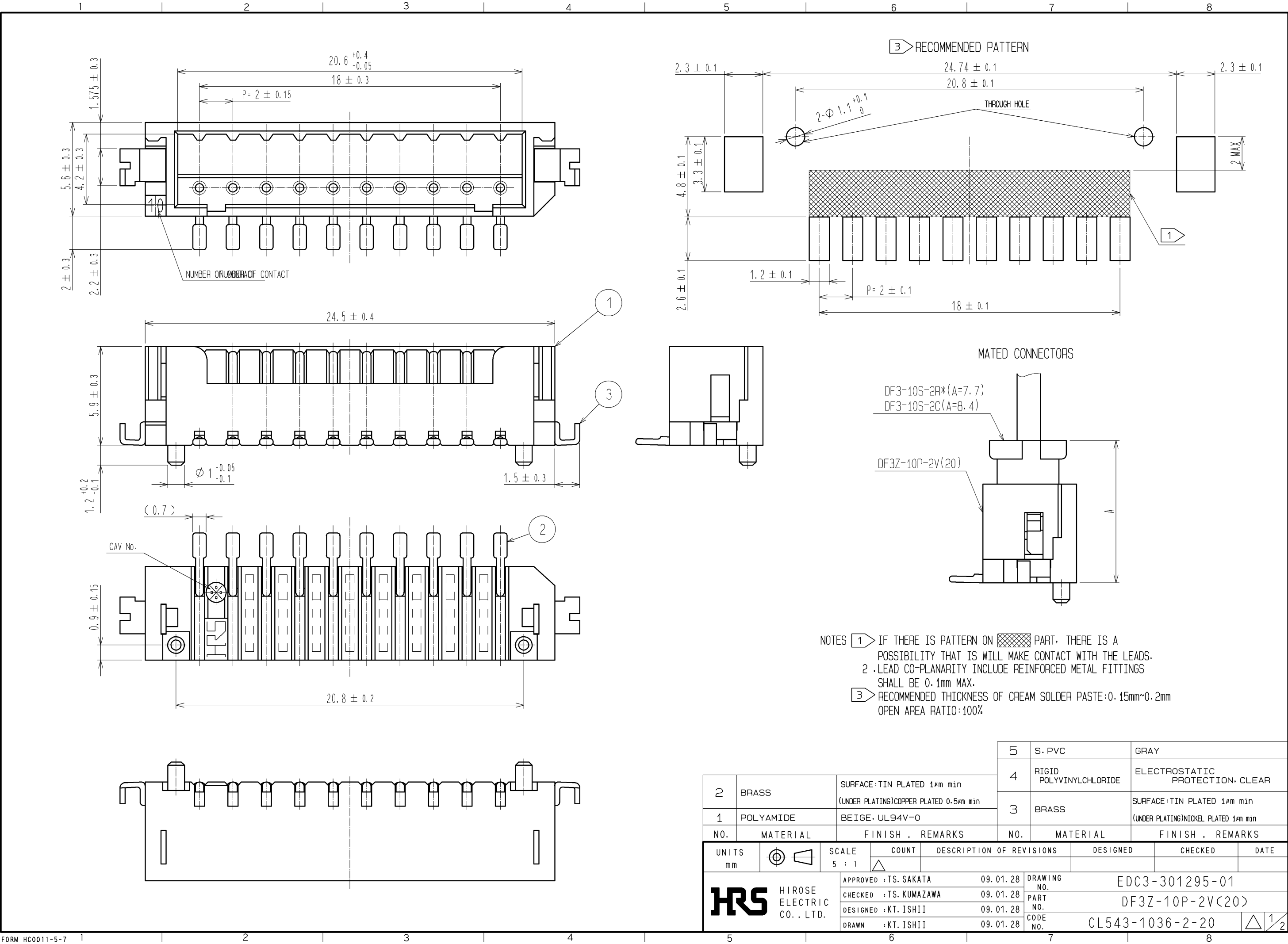
4



NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 18.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 18.

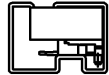
HRS

DRAWING NO.	EDC3-301294-01		
PART NO.	DF3Z-9P-2V(20)		
CODE NO.	CL543-1035-0-20	△	2/2



- NOTES
- 1 IF THERE IS PATTERN ON  PART, THERE IS A POSSIBILITY THAT IT WILL MAKE CONTACT WITH THE LEADS.
 - 2 LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
 - 3 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE: 0.15mm~0.2mm
OPEN AREA RATIO: 100%

2	BRASS	SURFACE: TIN PLATED 1μm min (UNDER PLATING) COPPER PLATED 0.5μm min	5	S. PVC	GRAY
			4	RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR
			3	BRASS	SURFACE: TIN PLATED 1μm min (UNDER PLATING) NICKEL PLATED 1μm min
1	POLYAMIDE	BEIGE, UL94V-0			
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm		SCALE 5 : 1	COUNT		DESCRIPTION OF REVISIONS
					DESIGNED
					CHECKED
					DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : TS. SAKATA	09. 01. 28	DRAWING NO. EDC3-301295-01	
		CHECKED : TS. KUMAZAWA	09. 01. 28	PART NO. DF3Z-10P-2V(20)	
		DESIGNED : KT. ISHII	09. 01. 28	CODE NO. CL543-1036-2-20	
		DRAWN : KT. ISHII	09. 01. 28		

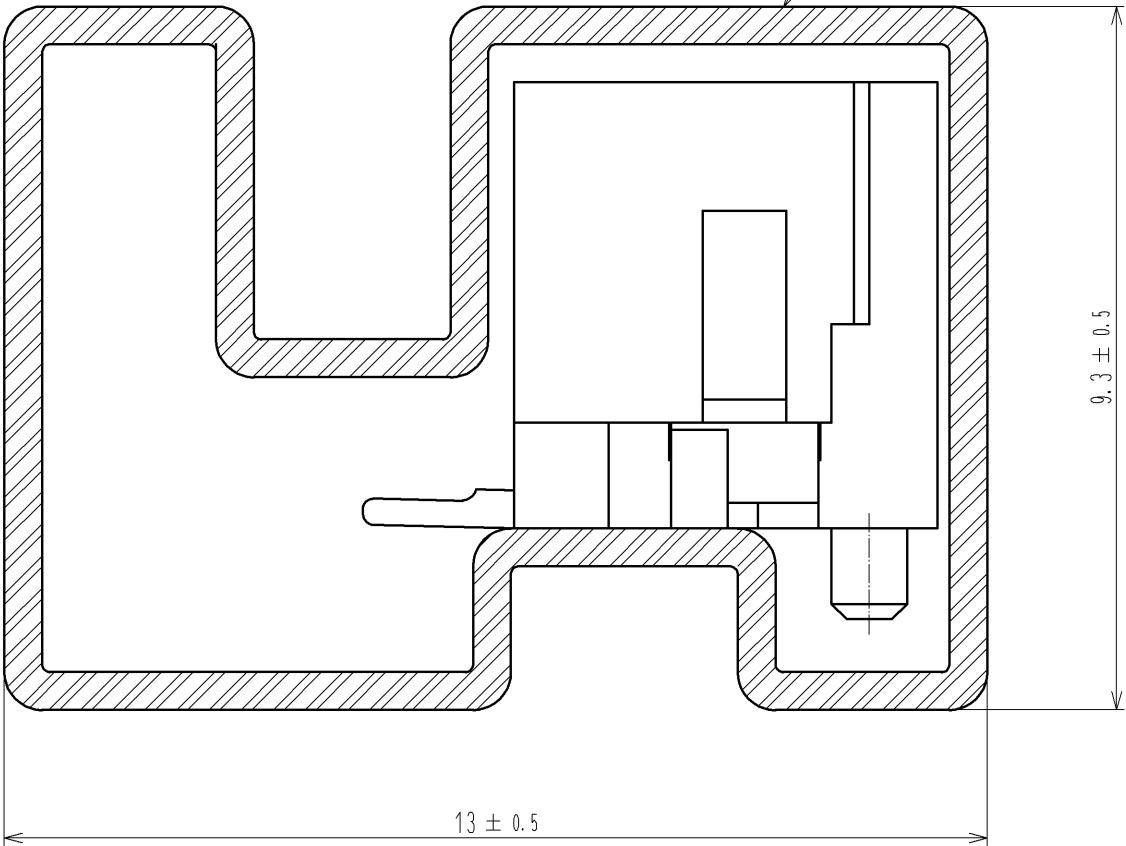


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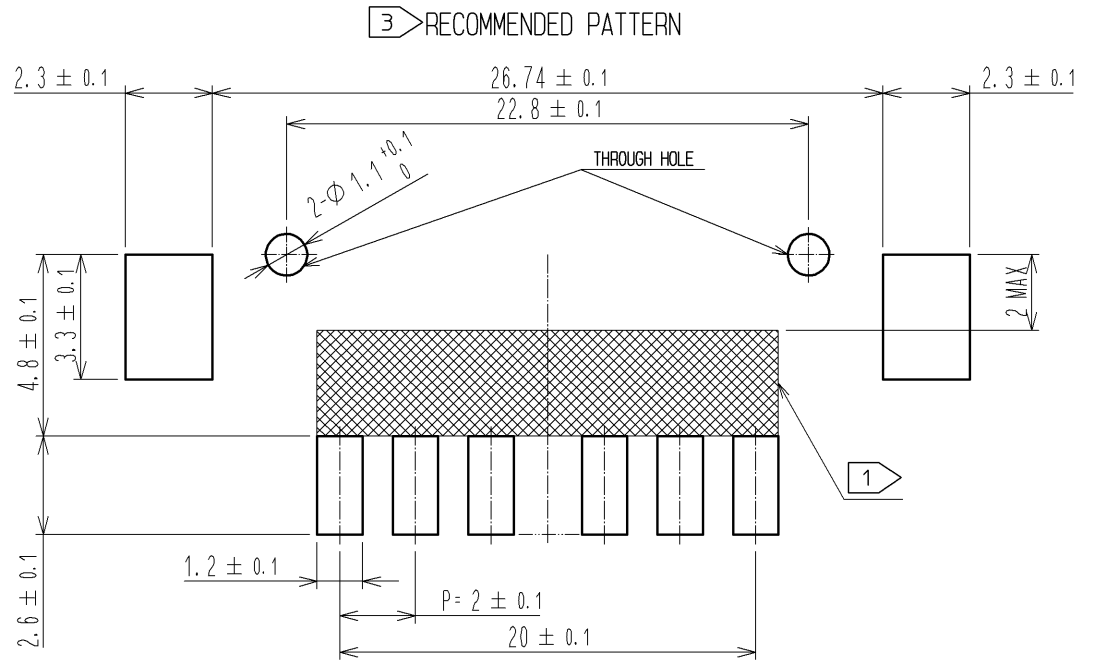
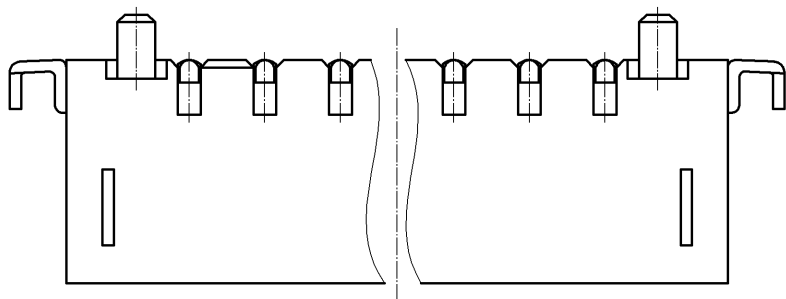
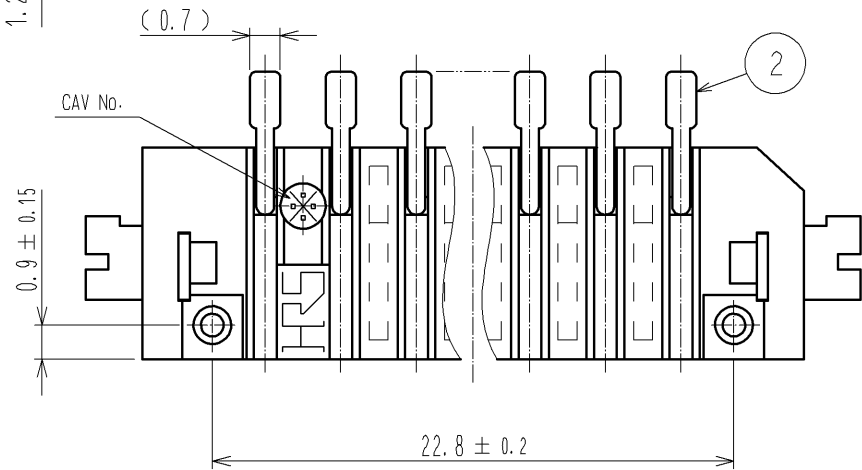
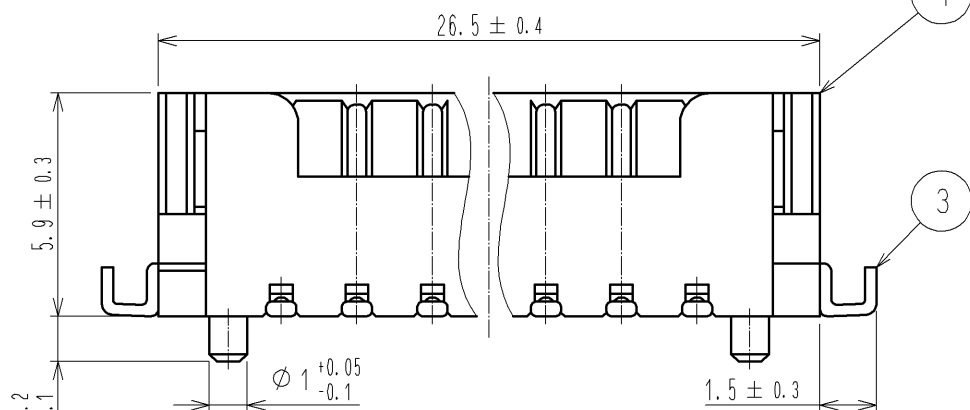
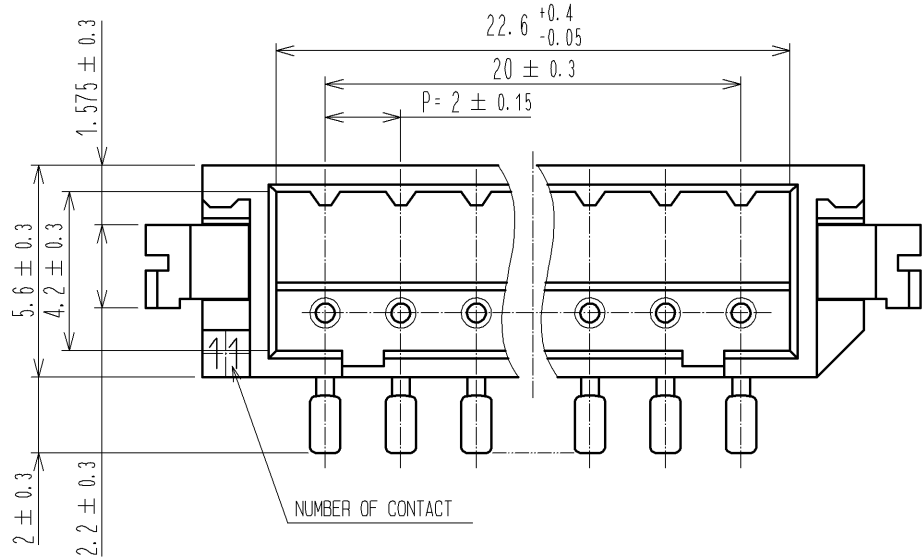
B-B (10 : 1)

4

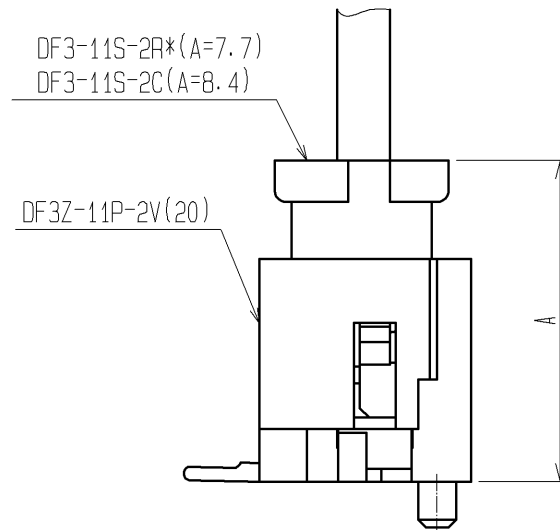


NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 17.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 17.

HRS	DRAWING NO.	EDC3-301295-01	
	PART NO.	DF3Z-10P-2V(20)	
	CODE NO.	CL543-1036-2-20	△2/2

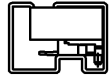


MATED CONNECTORS



- NOTES
- 1 IF THERE IS PATTERN ON PART, THERE IS A POSSIBILITY THAT IT WILL MAKE CONTACT WITH THE LEADS.
 - 2 LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
 - 3 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE: 0.15mm~0.2mm
OPEN AREA RATIO: 100%

2	BRASS	SURFACE: TIN PLATED 1μm min (UNDER PLATING) COPPER PLATED 0.5μm min	5	S. PVC	GRAY
			4	RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR
			3	BRASS	SURFACE: TIN PLATED 1μm min (UNDER PLATING) NICKEL PLATED 1μm min
1	POLYAMIDE	BEIGE, UL94V-0			
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
UNITS mm			SCALE 5 : 1		
COUNT			DESCRIPTION OF REVISIONS		
DESIGNED			CHECKED		
DATE			DATE		
APPROVED : TS. SAKATA 09.01.28			DRAWING NO. EDC3-301296-01		
CHECKED : TS. KUMAZAWA 09.01.28			PART NO. DF3Z-11P-2V(20)		
DESIGNED : KT. ISHII 09.01.28			CODE NO. CL543-1037-5-20		
DRAWN : KT. ISHII 09.01.28					

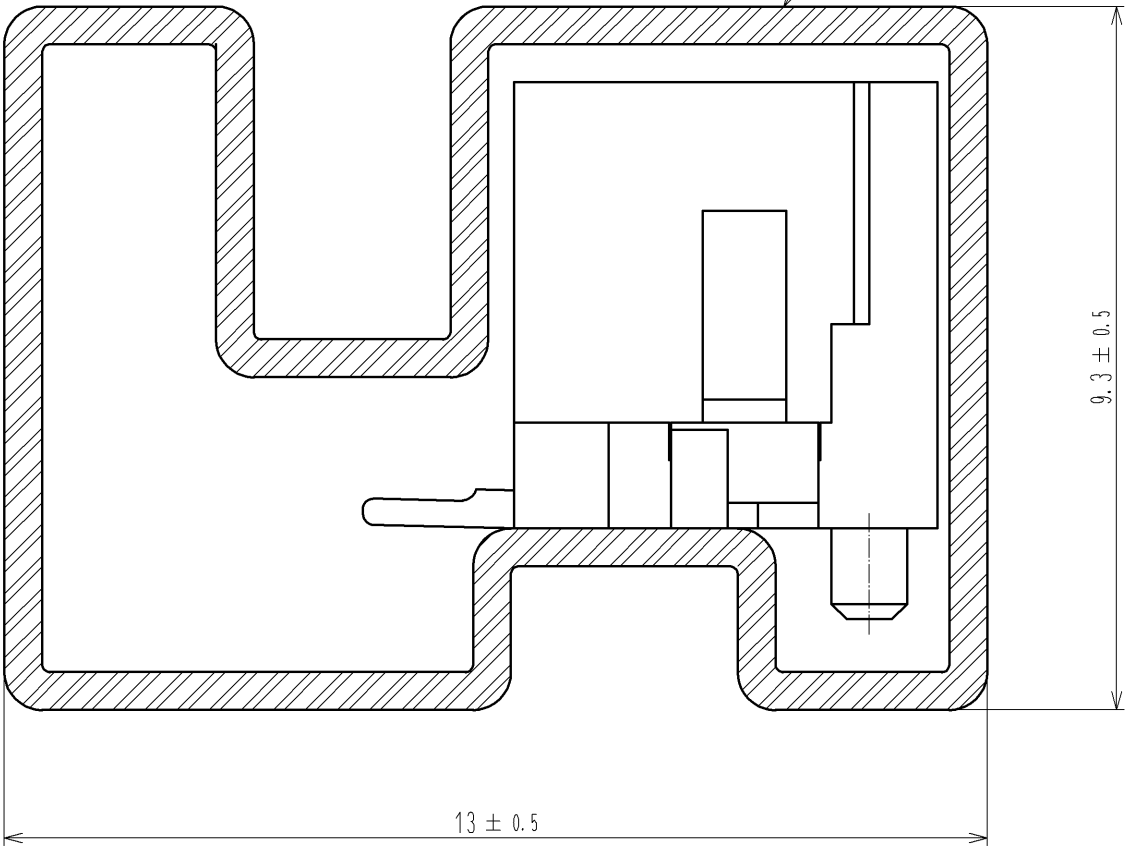


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B-B (10 : 1)

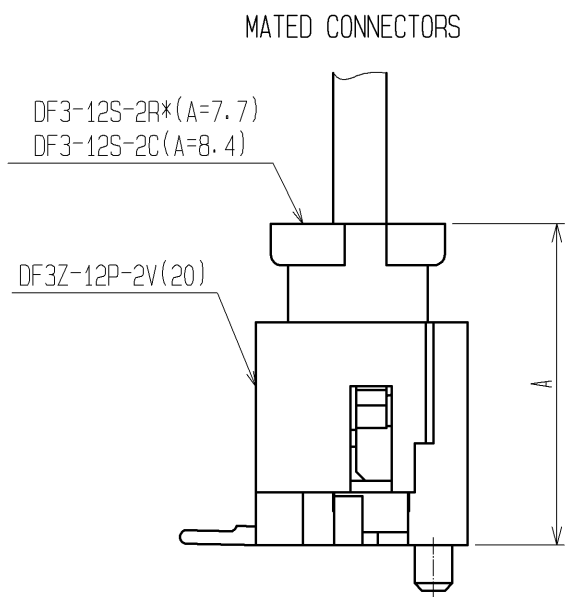
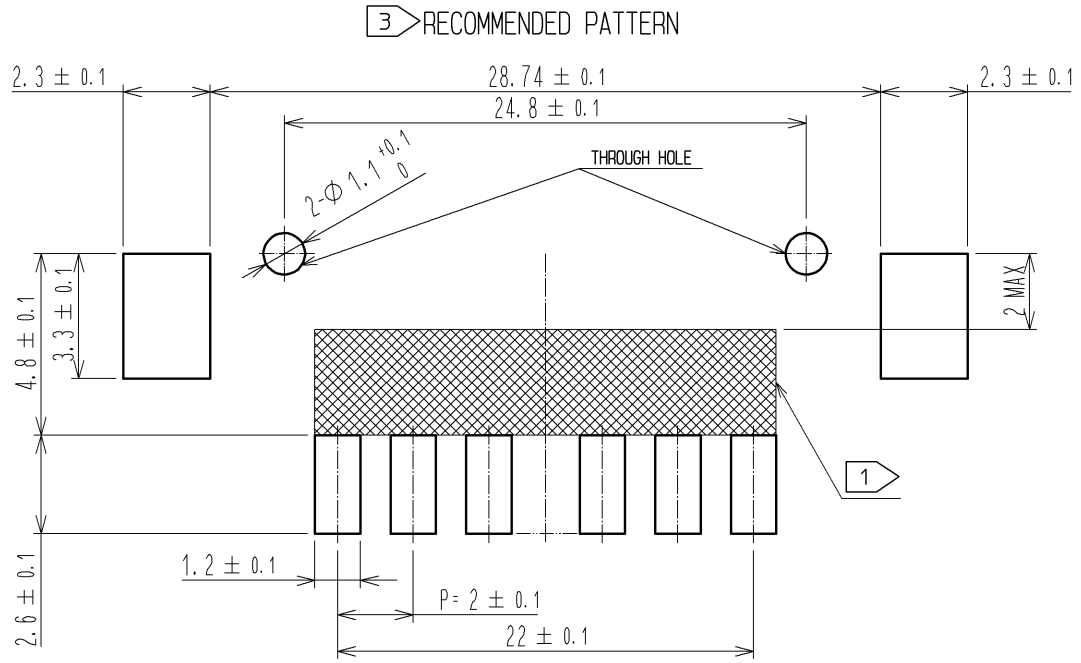
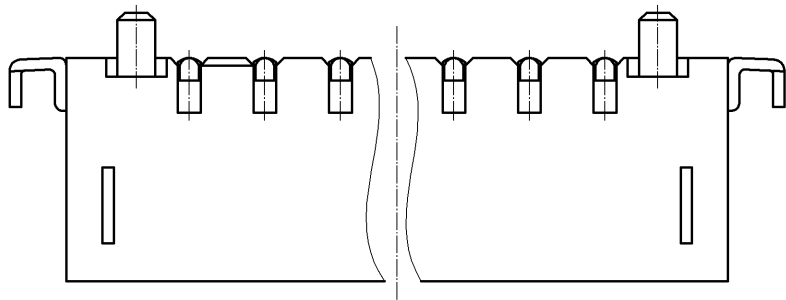
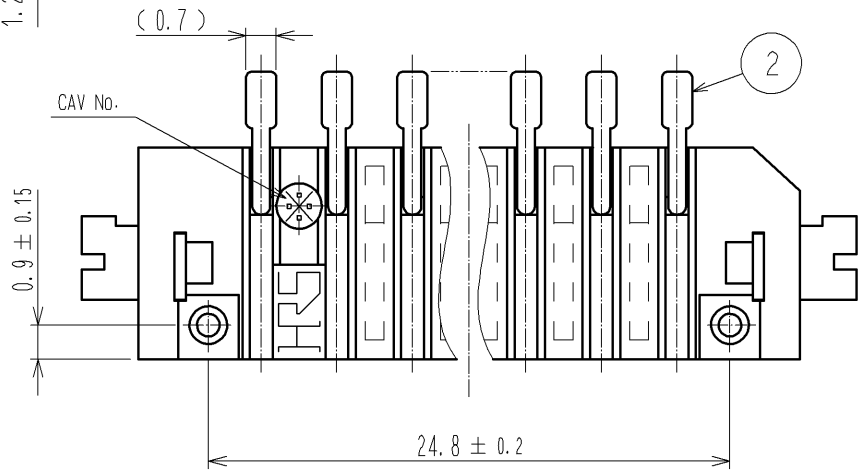
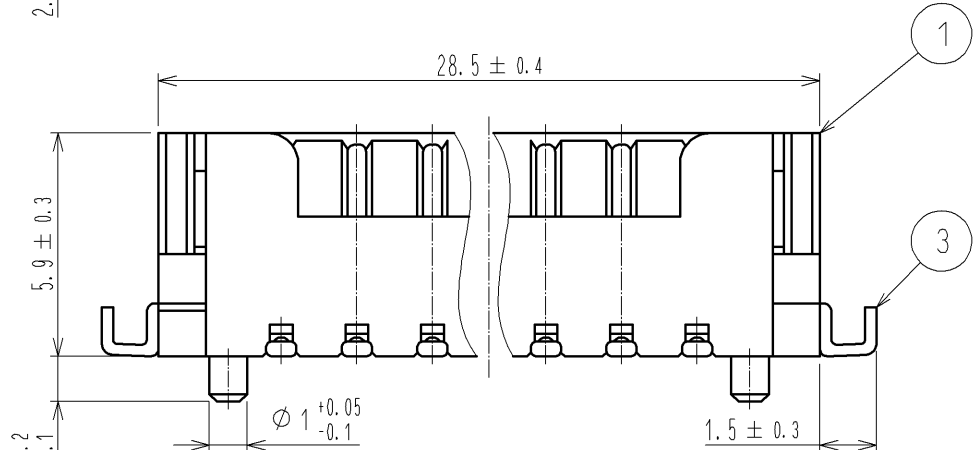
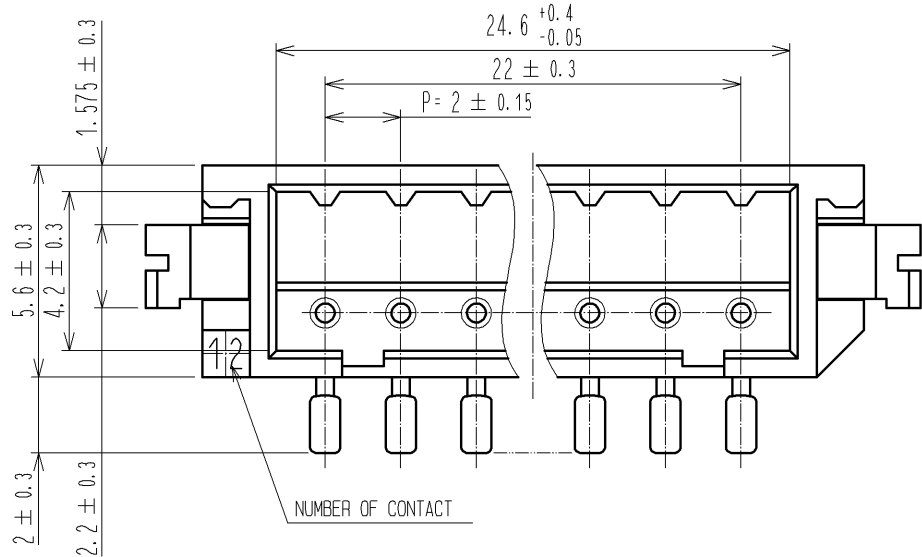
4



NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 15.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 15.

HRS

DRAWING NO.	EDC3-301296-01		
PART NO.	DF3Z-11P-2V(20)		
CODE NO.	CL543-1037-5-20	△	2/2



- NOTES
- 1 IF THERE IS PATTERN ON PART, THERE IS A POSSIBILITY THAT IS WILL MAKE CONTACT WITH THE LEADS.
 - 2 .LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
 - 3 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE:0.15mm~0.2mm
OPEN AREA RATIO:100%

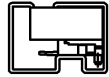
2	BRASS	SURFACE:TIN PLATED 1μm min (UNDER PLATING)COPPER PLATED 0.5μm min	5	S. PVC	GRAY
			4	RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR
			3	BRASS	SURFACE:TIN PLATED 1μm min (UNDER PLATING)NICKEL PLATED 1μm min
1	POLYAMIDE	BEIGE, UL94V-0			
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm			SCALE 5 : 1		
COUNT			DESCRIPTION OF REVISIONS		
DESIGNED			CHECKED		
DATE			DATE		
APPROVED : TS. SAKATA			DRAWING NO.		
CHECKED : TS. KUMAZAWA			PART NO.		
DESIGNED : KT. ISHII			CODE NO.		
DRAWN : KT. ISHII			CL543-1038-8-20		



HIROSE
ELECTRIC
CO., LTD.

APPROVED : TS. SAKATA 09. 01. 28
CHECKED : TS. KUMAZAWA 09. 01. 28
DESIGNED : KT. ISHII 09. 01. 28
DRAWN : KT. ISHII 09. 01. 28

DRAWING NO. EDC3-301297-01
PART NO. DF3Z-12P-2V(20)
CODE NO. CL543-1038-8-20

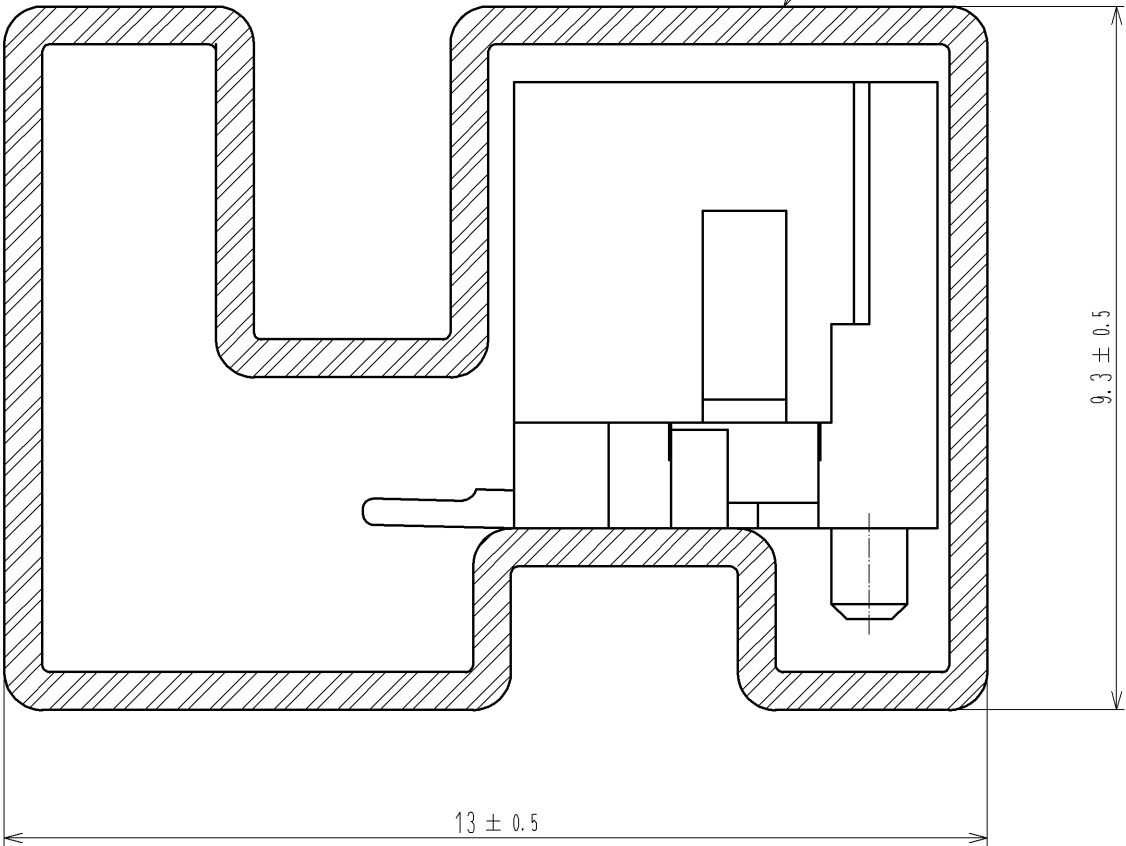


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B-B (10 : 1)

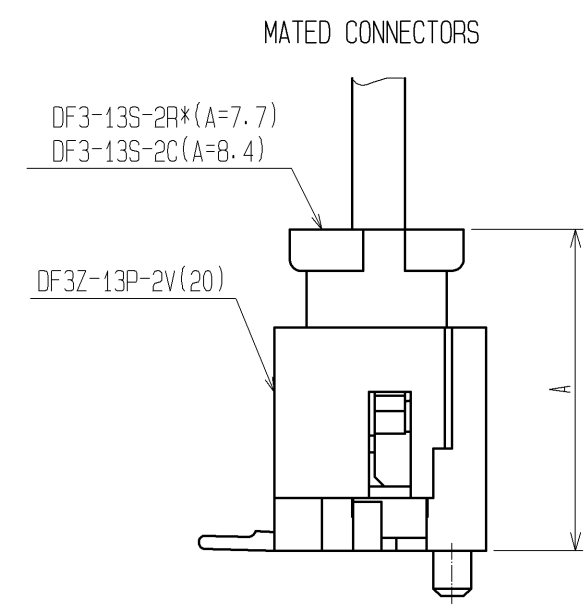
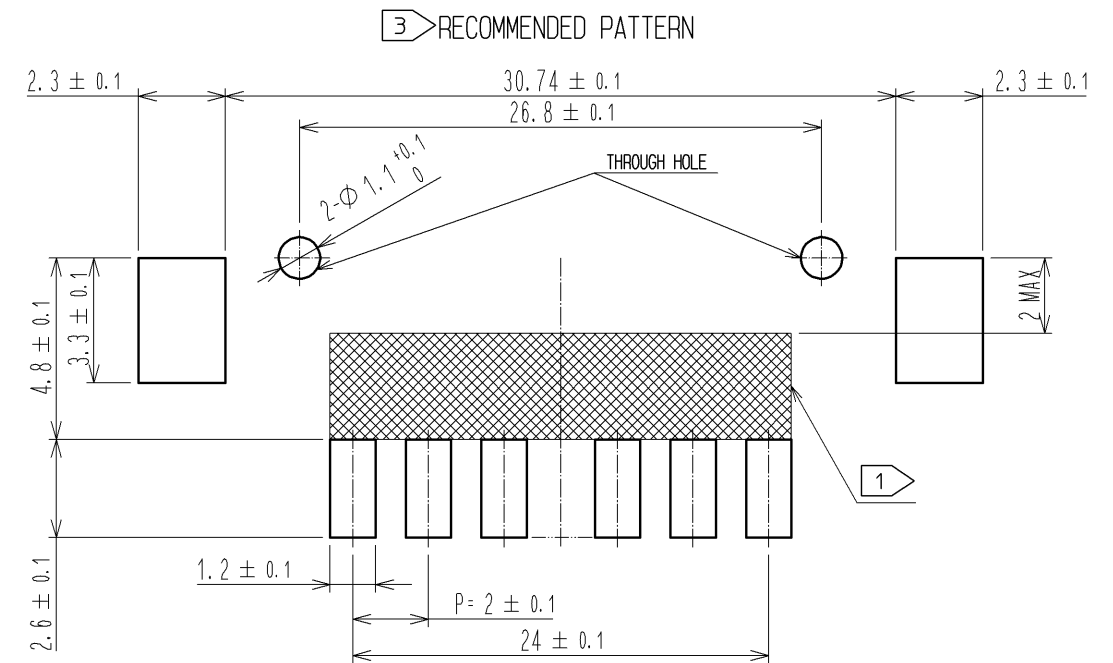
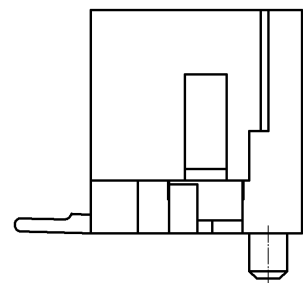
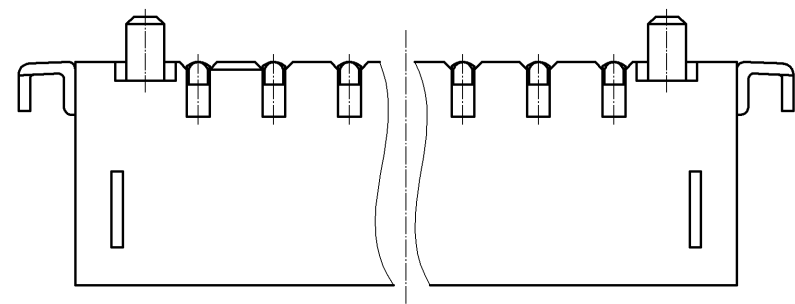
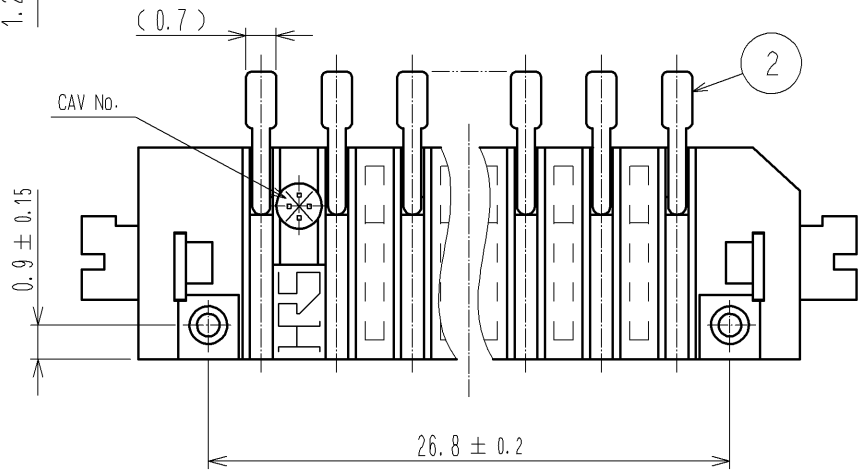
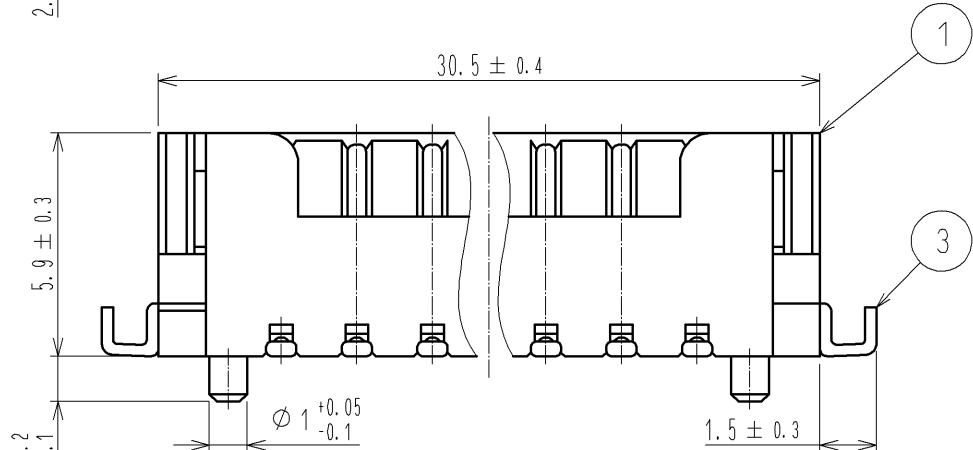
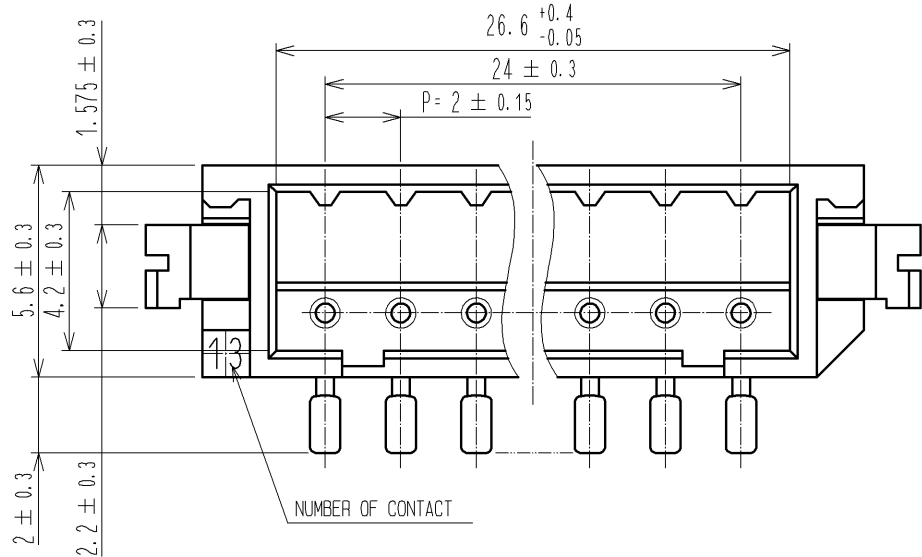
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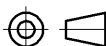
NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 14.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 14.

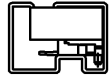
HRS

DRAWING NO.	EDC3-301297-01		
PART NO.	DF3Z-12P-2V(20)		
CODE NO.	CL543-1038-8-20	△	2/2



- NOTES
- 1 IF THERE IS PATTERN ON PART, THERE IS A POSSIBILITY THAT IT WILL MAKE CONTACT WITH THE LEADS.
 - 2 LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
 - 3 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE: 0.15mm~0.2mm
OPEN AREA RATIO: 100%

			5	S. PVC	GRAY					
2	BRASS	SURFACE: TIN PLATED 1μm min (UNDER PLATING) COPPER PLATED 0.5μm min	4	RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR					
			3	BRASS	SURFACE: TIN PLATED 1μm min (UNDER PLATING) NICKEL PLATED 1μm min					
1	POLYAMIDE	BEIGE, UL94V-0								
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS					
UNITS mm			SCALE 5 : 1		COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.			APPROVED : TS. SAKATA		09.01.28	DRAWING NO.		EDC3-301298-01		
			CHECKED : TS. KUMAZAWA		09.01.28	PART NO.		DF3Z-13P-2V(20)		
			DESIGNED : KT. ISHII		09.01.28	CODE NO.		CL543-1039-0-20		
			DRAWN : KT. ISHII		09.01.28			 1/2		

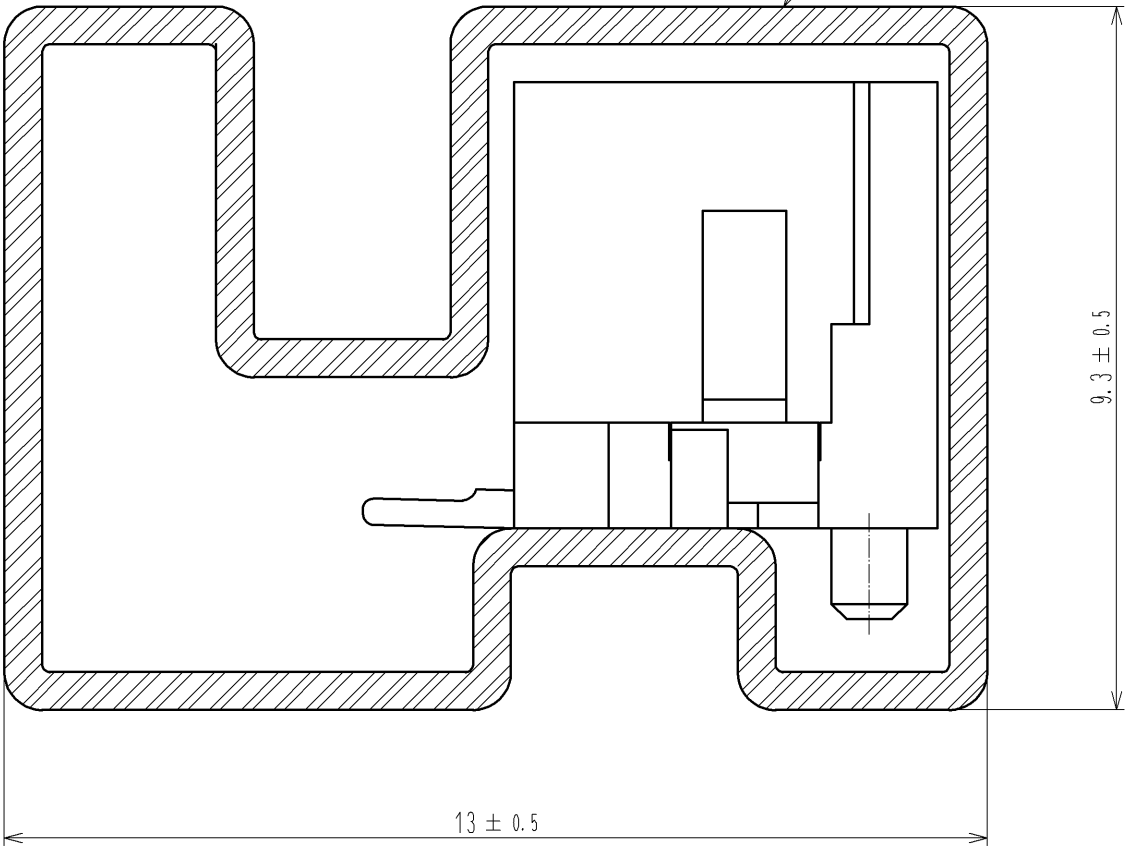


5



B-B (10 : 1)

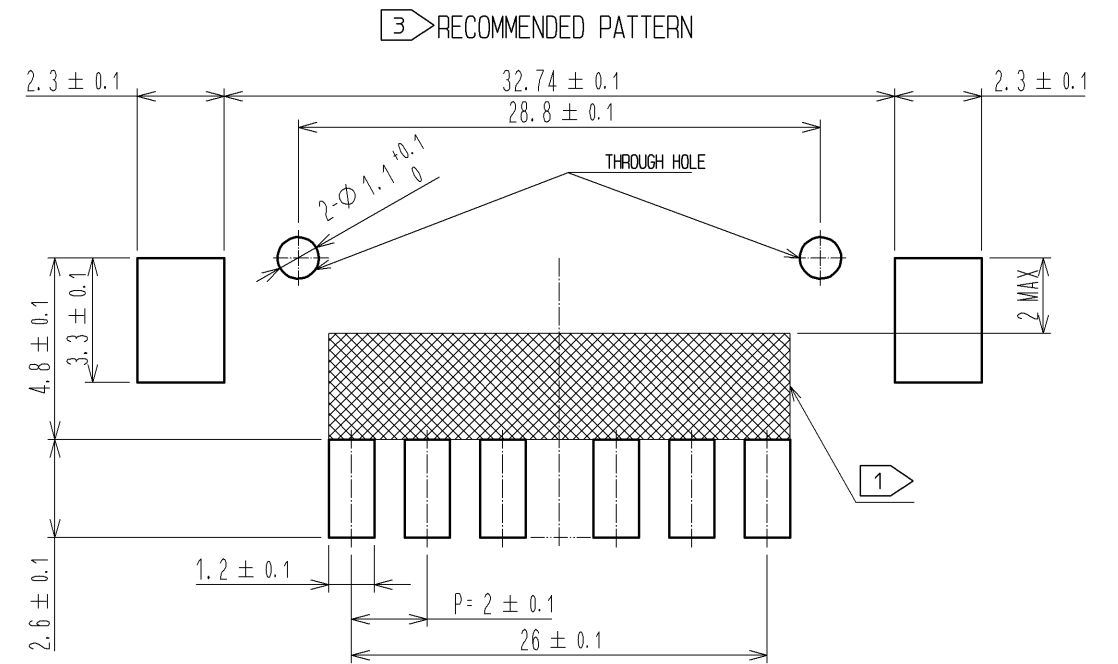
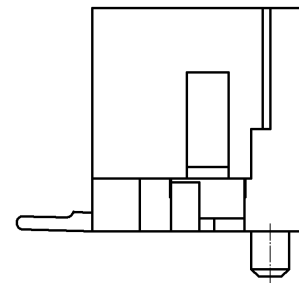
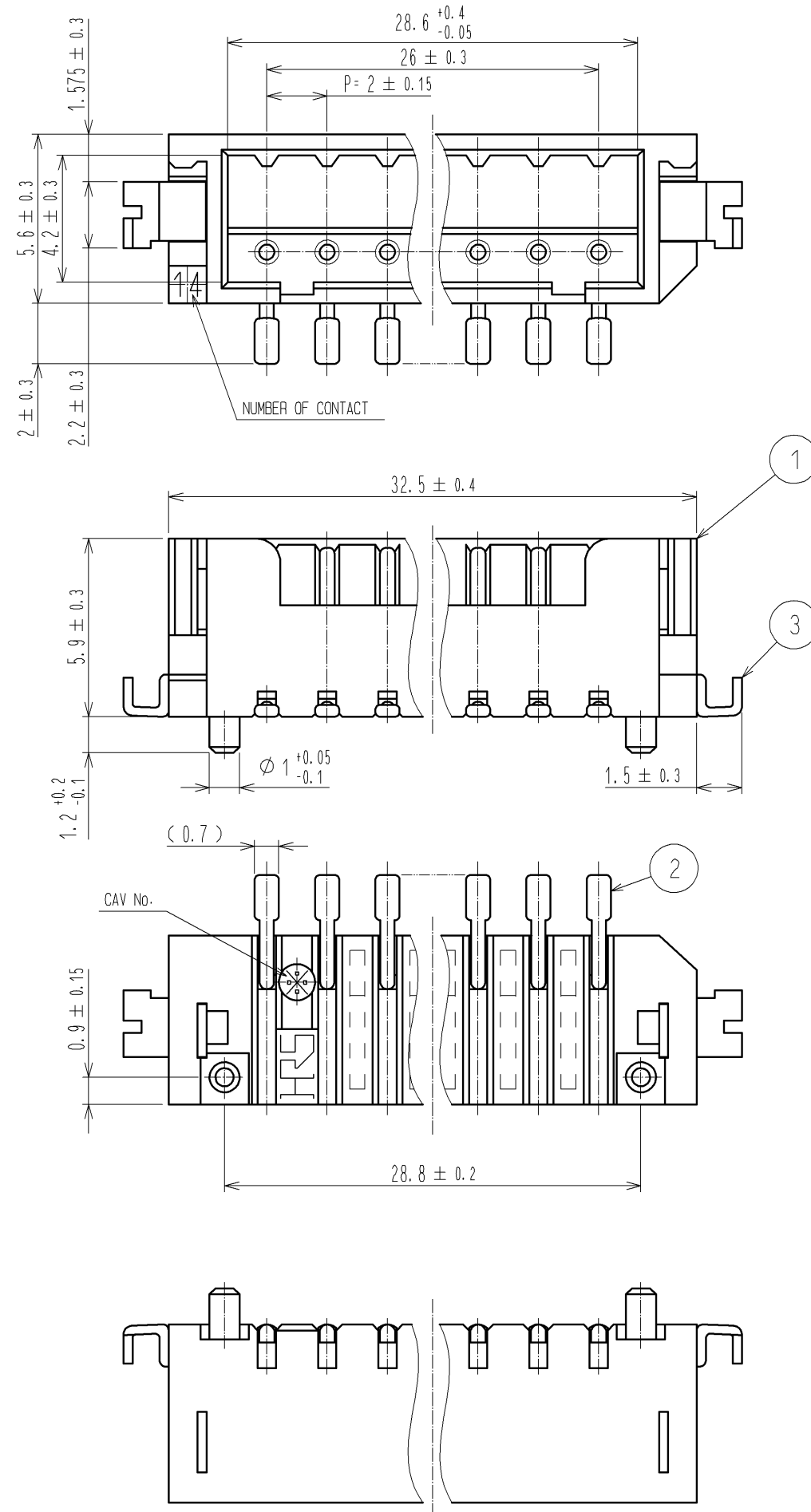
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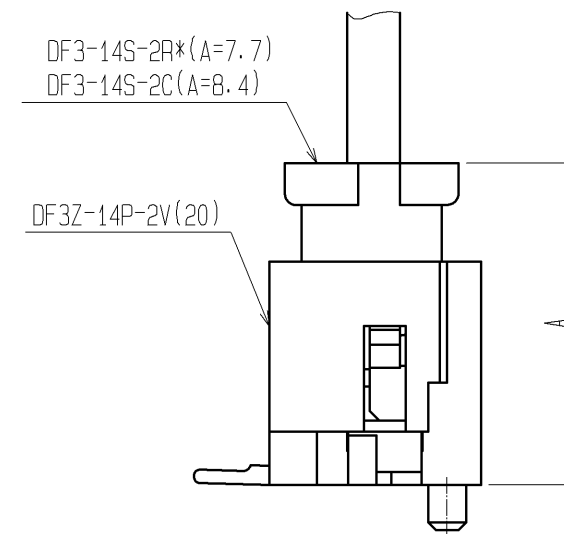
NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 14.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 14.

HRS

DRAWING NO.	EDC3-301298-01		
PART NO.	DF3Z-13P-2V(20)		
CODE NO.	CL543-1039-0-20	$\triangle$	$\frac{2}{2}$

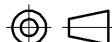


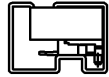
MATED CONNECTORS



- NOTES
- 1 IF THERE IS PATTERN ON  PART, THERE IS A POSSIBILITY THAT IT WILL MAKE CONTACT WITH THE LEADS.
 - 2 LEAD CO-PLANARITY INCLUDE REINFORCED METAL FITTINGS SHALL BE 0.1mm MAX.
 - 3 RECOMMENDED THICKNESS OF CREAM SOLDER PASTE: 0.15mm~0.2mm
OPEN AREA RATIO: 100%

			5	S. PVC	GRAY
			4	RIGID POLYVINYLCHLORIDE	ELECTROSTATIC PROTECTION, CLEAR
			3	BRASS	SURFACE:TIN PLATED 1μm min (UNDER PLATING)NICKEL PLATED 1μm min
2	BRASS	SURFACE:TIN PLATED 1μm min (UNDER PLATING)COPPER PLATED 0.5μm min			
1	POLYAMIDE	BEIGE, UL94V-0			
NO.	MATERIAL	FINISH , REMARKS			
NO.	MATERIAL	FINISH , REMARKS			

UNITS mm		SCALE 5 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : TS. SAKATA		09. 01. 28	DRAWING NO.	EDC3-301299-01		
		CHECKED : TS. KUMAZAWA		09. 01. 28	PART NO.	DF3Z-14P-2V(20)		
		DESIGNED : KT. ISHII		09. 01. 28	CODE NO.	CL543-1040-0-20		
		DRAWN : KT. ISHII		09. 01. 28		 1/2		

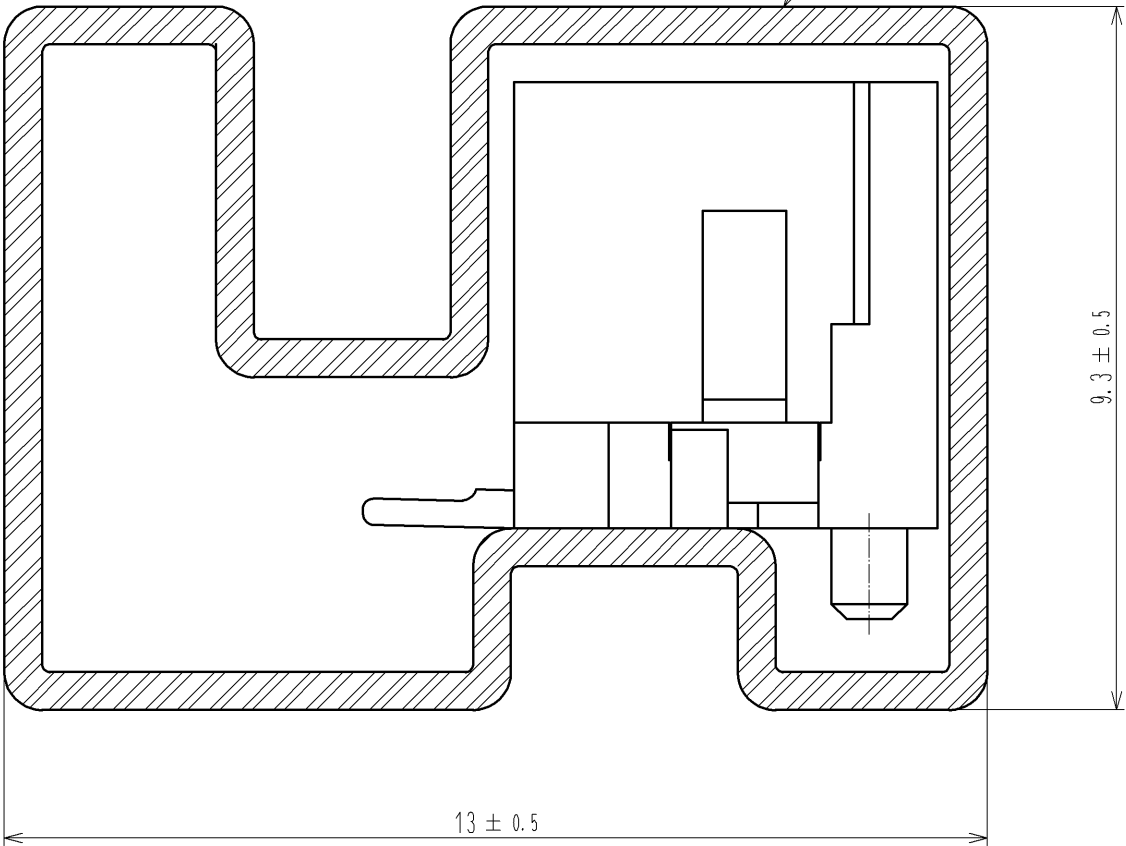


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B-B (10 : 1)

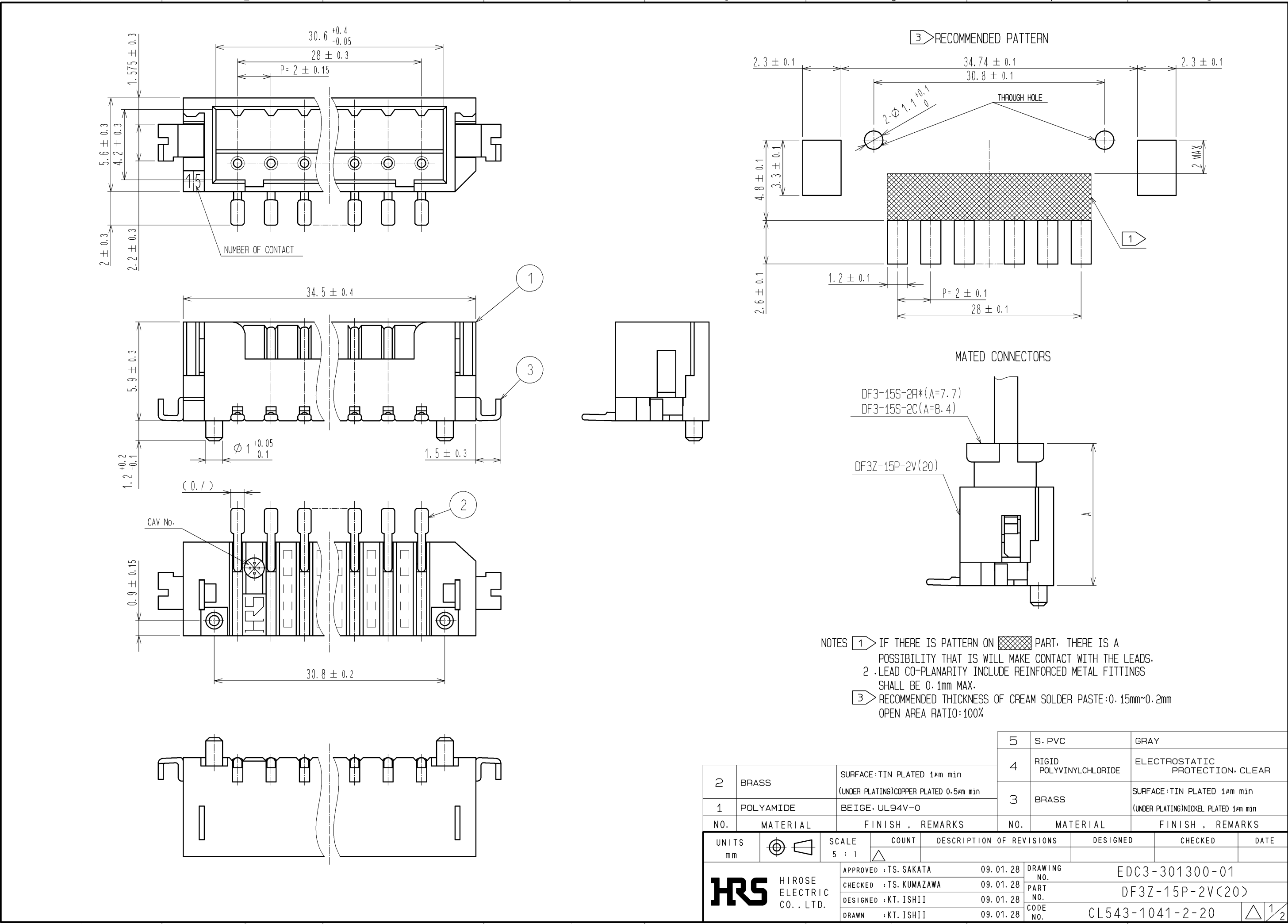
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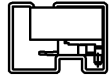


NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 13.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 13.

HRS

DRAWING NO.	EDC3-301299-01		
PART NO.	DF3Z-14P-2V(20)		
CODE NO.	CL543-1040-0-20	$\triangle$	$\frac{2}{2}$



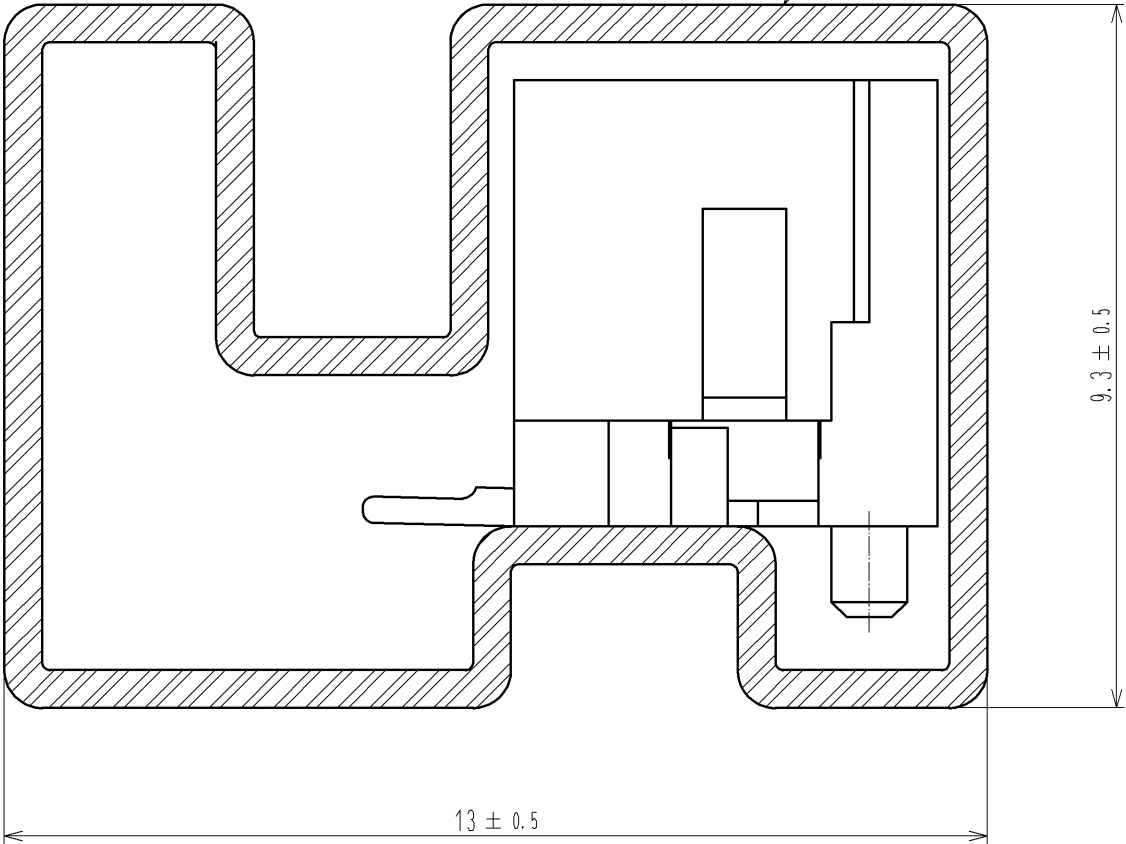


5



B-B (10 : 1)

4



NOTES 4 .NUMBER OF CONNECTERS PER A MAGAZINE CASE SHALL BE IN ACCORDANCE WITH 12.
5 .THESE CONNECTORS SHALL BE ON SALED IN ACCORDANCE WITH THE MULTIPLE QUANTITY ON 12.

HRS	DRAWING NO.	EDC3-301300-01	
	PART NO.	DF3Z-15P-2V(20)	
	CODE NO.	CL543-1041-2-20	△2/2