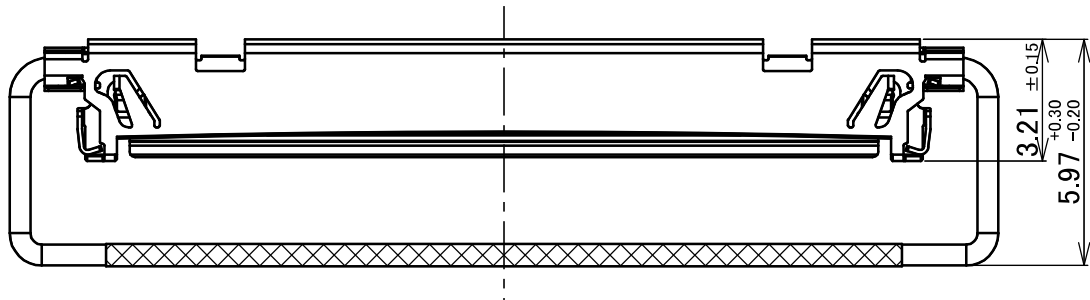
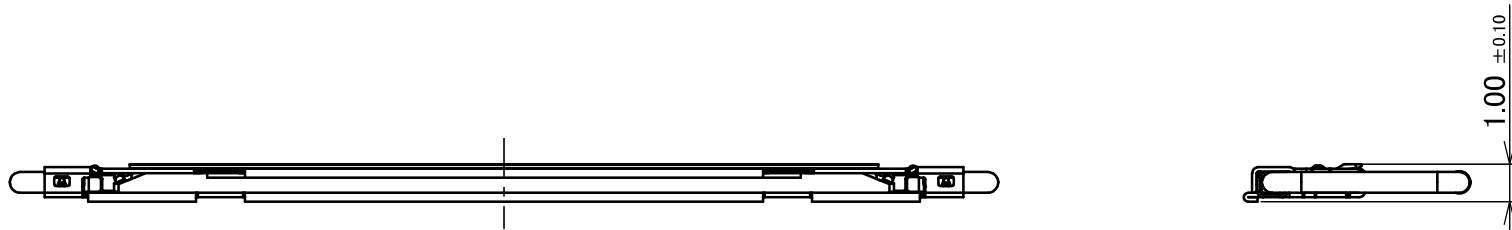
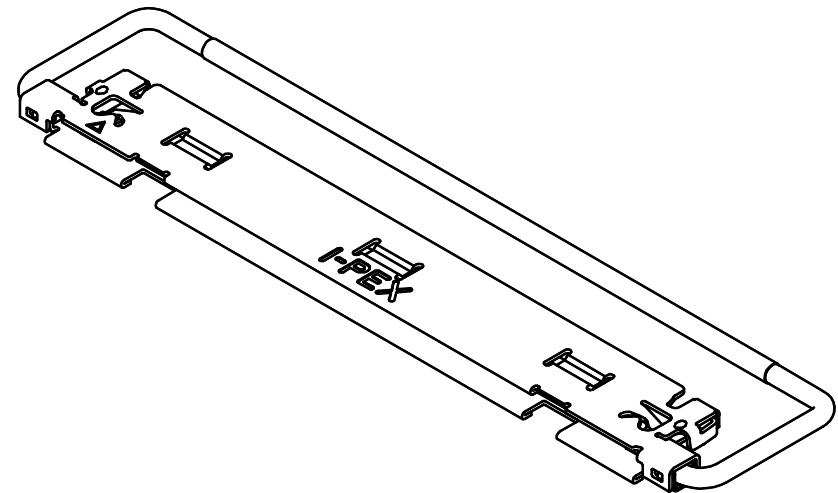
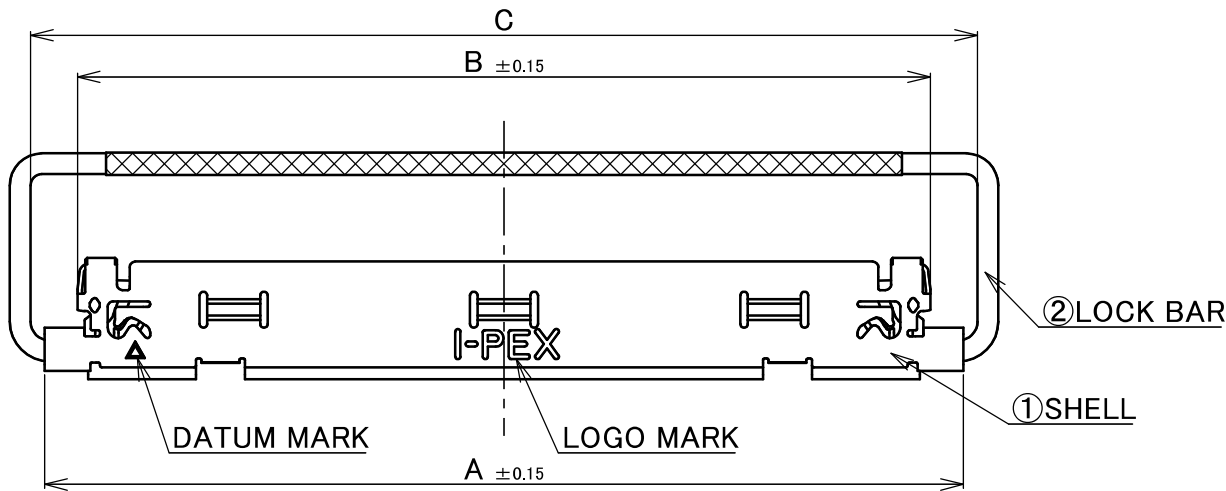
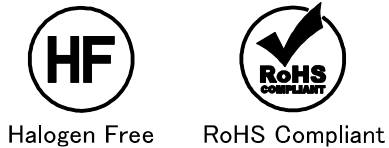
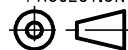


PART No.	A	B	C
20645-030T-01	19.30	17.56	20.05
20645-040T-01	24.30	22.56	25.05

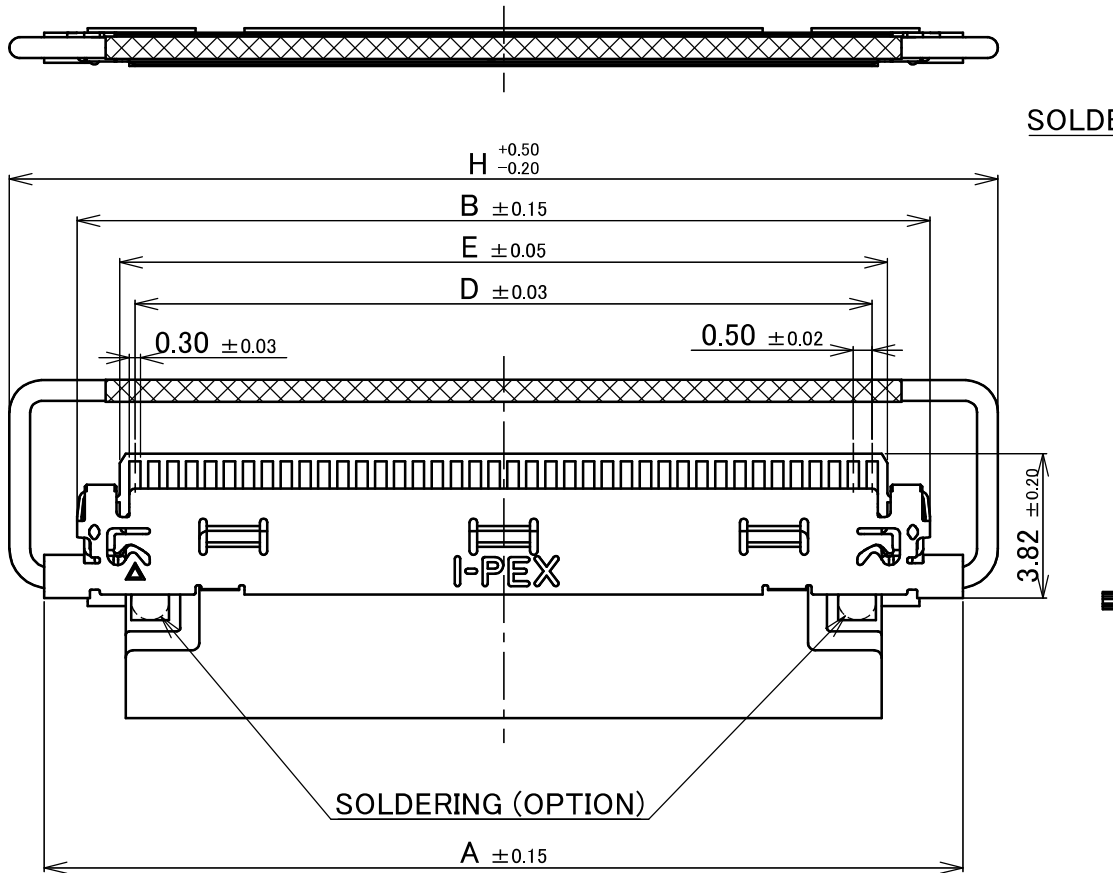
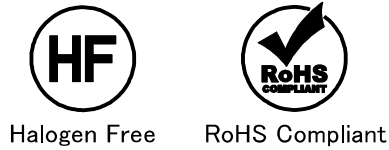


2	LOCK BAR	SUS	-
1	SHELL	PHOSPHOR BRONZE	ALL OVER Ni 1.00 μ m MIN. CONTACT & SOLDERING AREA : Au 0.01 μ m MIN.
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

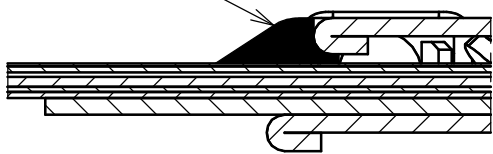
16	ZC00036	T.O	2025/08/20	T.M	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY			
15	Z250409	T.O	2025/03/12	T.M	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R0				
14	Z241778	T.O	2024/12/12	T.M	GENERAL TOLERANCE.				TITLE CABLINE®-VSF PLUG SHELL ASSEMBLY	SCALE		I-PEX		
13	Z230637	T.O	2023/06/01	H.I	DWG.	DATE		5:1		UNIT				
12	Z230400	T.O	2023/04/06	H.I	H.Aoki		2014/11/07							
11	Z230352	T.O	2023/03/27	H.I	CHK.		J.Tateishi			mm				
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.	20645		SIZE	SHEET	REV.
REVISION RECORD					E.Kawabe				20645		A3	1/6		16

POS.	A	B	D	E	H
30	19.30	17.56	14.50	15.30	21.15
40	24.30	22.56	19.50	20.30	26.15

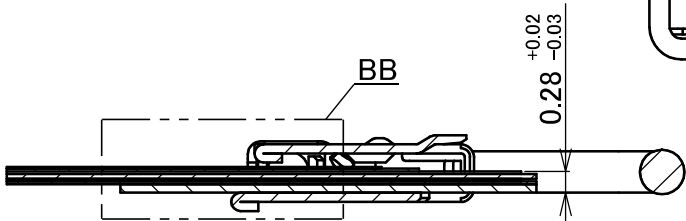
FPC ASSEMBLY STATE



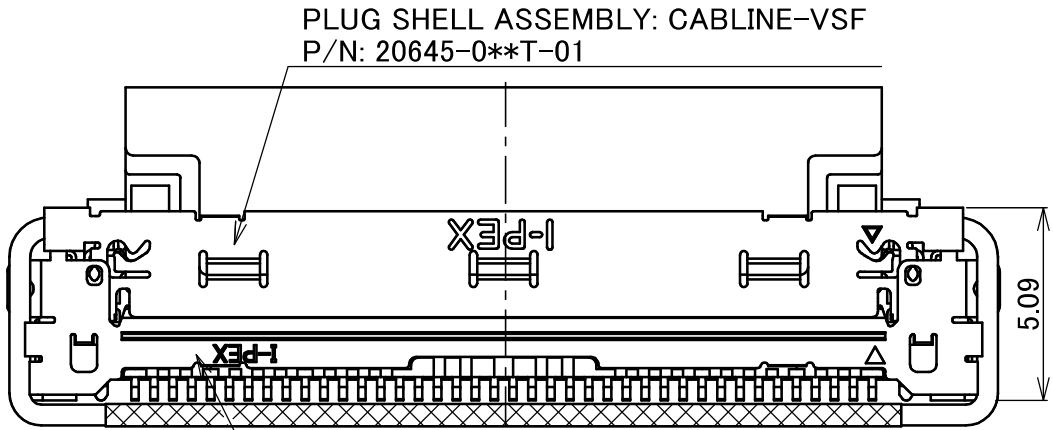
SOLDERING (OPTION)



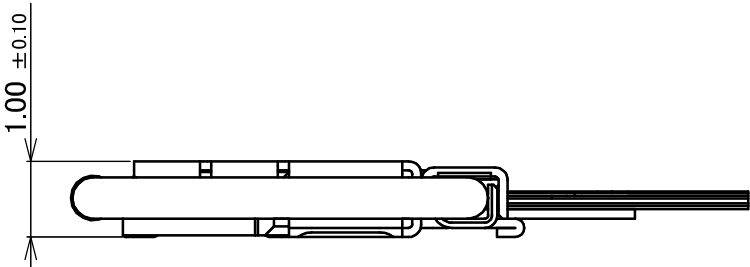
DETAIL BB
(S=20/1)



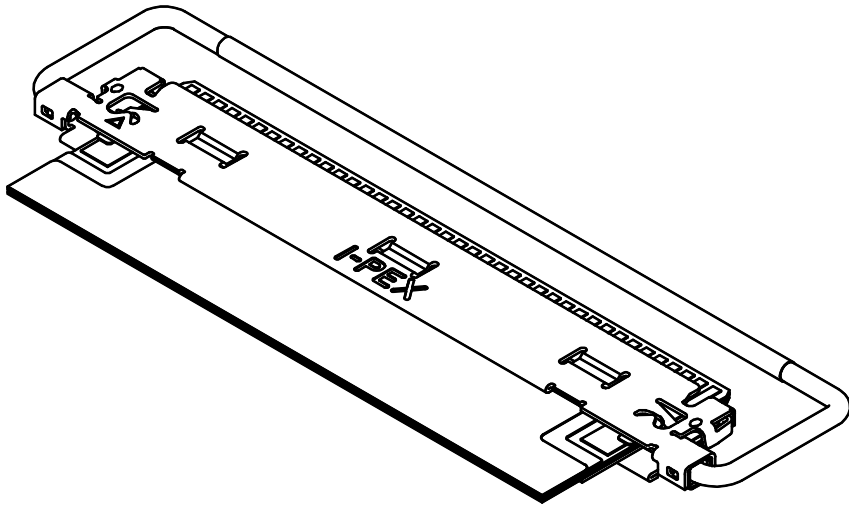
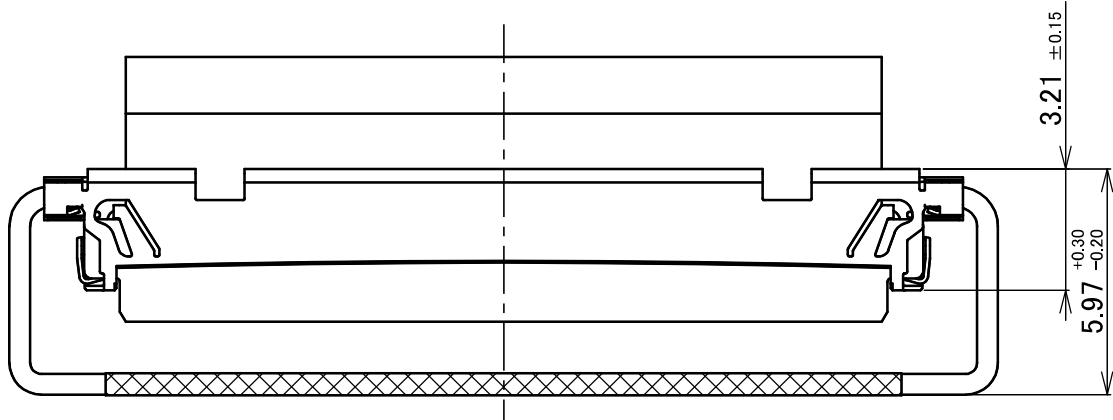
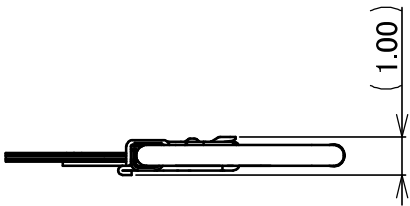
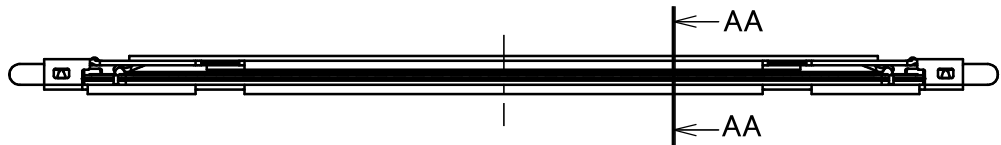
SECT AA-AA
(S=10/1)



RECEPTACLE ASSEMBLY: CABLINE-VS
P/N: 20455-0**E-***



MATING CONDITION



ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5	⊕	R0			
GENERAL TOLERANCE.				TITLE	SCALE	I-PEX		
DWG.	DATE	CABLINE®-VSF PLUG SHELL ASSEMBLY			5:1			
CHK.					UNIT			
APP.					mm			
				DWG. No.	SIZE	SHEET	REV.	
				20645	A3	2/6	16	

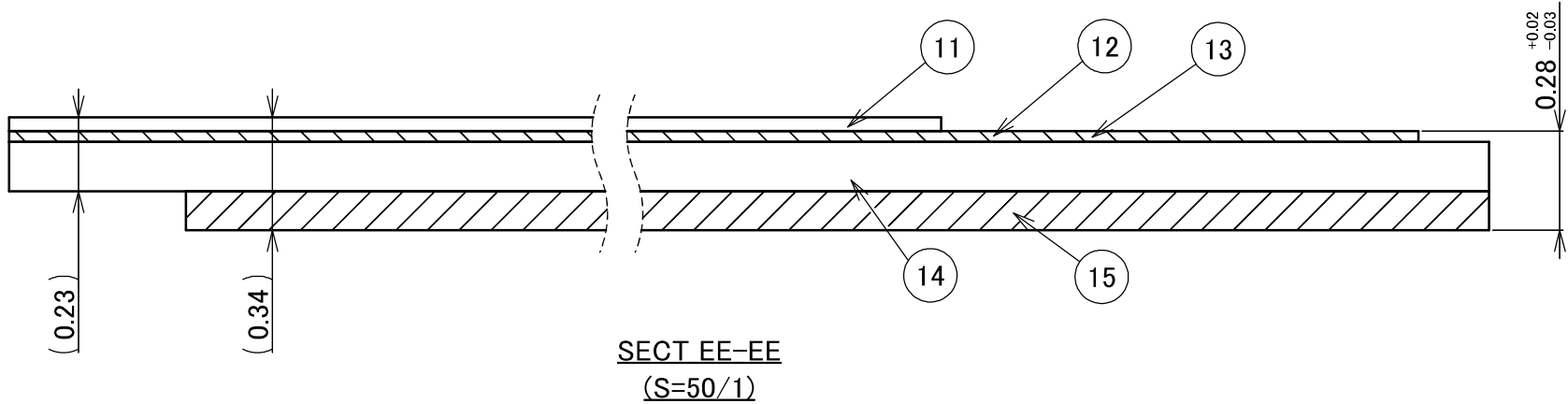
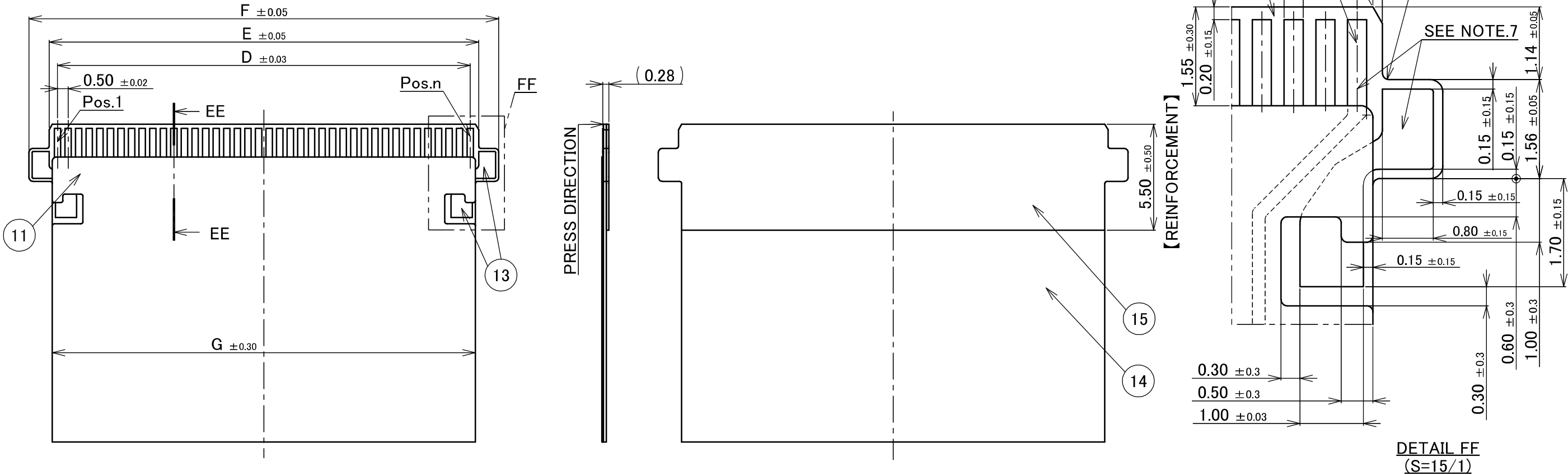
ITEMS	SPECIFICATION
RATING VOLTAGE	100V AC (PER CONTACT)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.5A AC/DC (PER CONTACT PIN) ※AVAILABLE UP TO 20PIN 0.3A AC/DC (PER CONTACT PIN) ※AVAILABLE FOR ALL PIN
OPERATING TEMPERATURE	233~358K(−40℃~+85℃)
OPERATING HUMIDITY	85% MAX.
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 60mohm MAX. / AFTER TEST : $\triangle$ 40mohm MAX.
GROUND SHELL RESISTANCE	INITIAL : 60mohm MAX. / AFTER TEST : $\triangle$ 40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	30P : 24.0N MAX. / 40P : 32.0N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	30P : 1.1N MIN. / 40P : 1.4N MIN.
PRODUCT SPECIFICATION	PRS-1878
TEST REPORT	TR-14095, TR-17048
PACKING STANDARD	PST-14087
INSTRUCTION MANUAL	HIM-13010
ASSEMBLY MANUAL	ASM-13003
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R0	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN®-VSF PLUG SHELL ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					—		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20645		SIZE A3	SHEET 3/6	REV. 16

POS.	D	E	F	G
30	14.50	15.30	17.20	15.00
40	19.50	20.30	22.20	20.00

RECOMMENDED FPC LAYOUT

【NON SHIELDED TYPE】

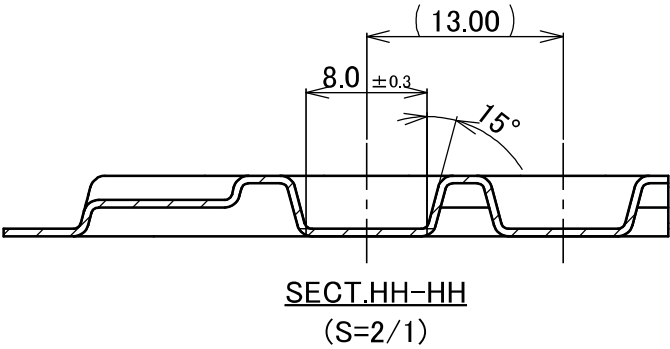
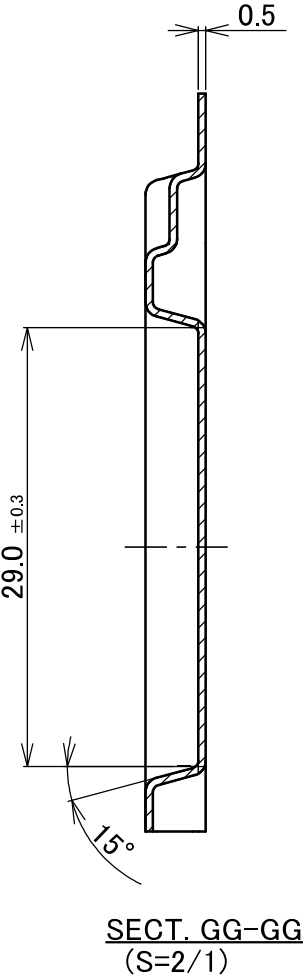
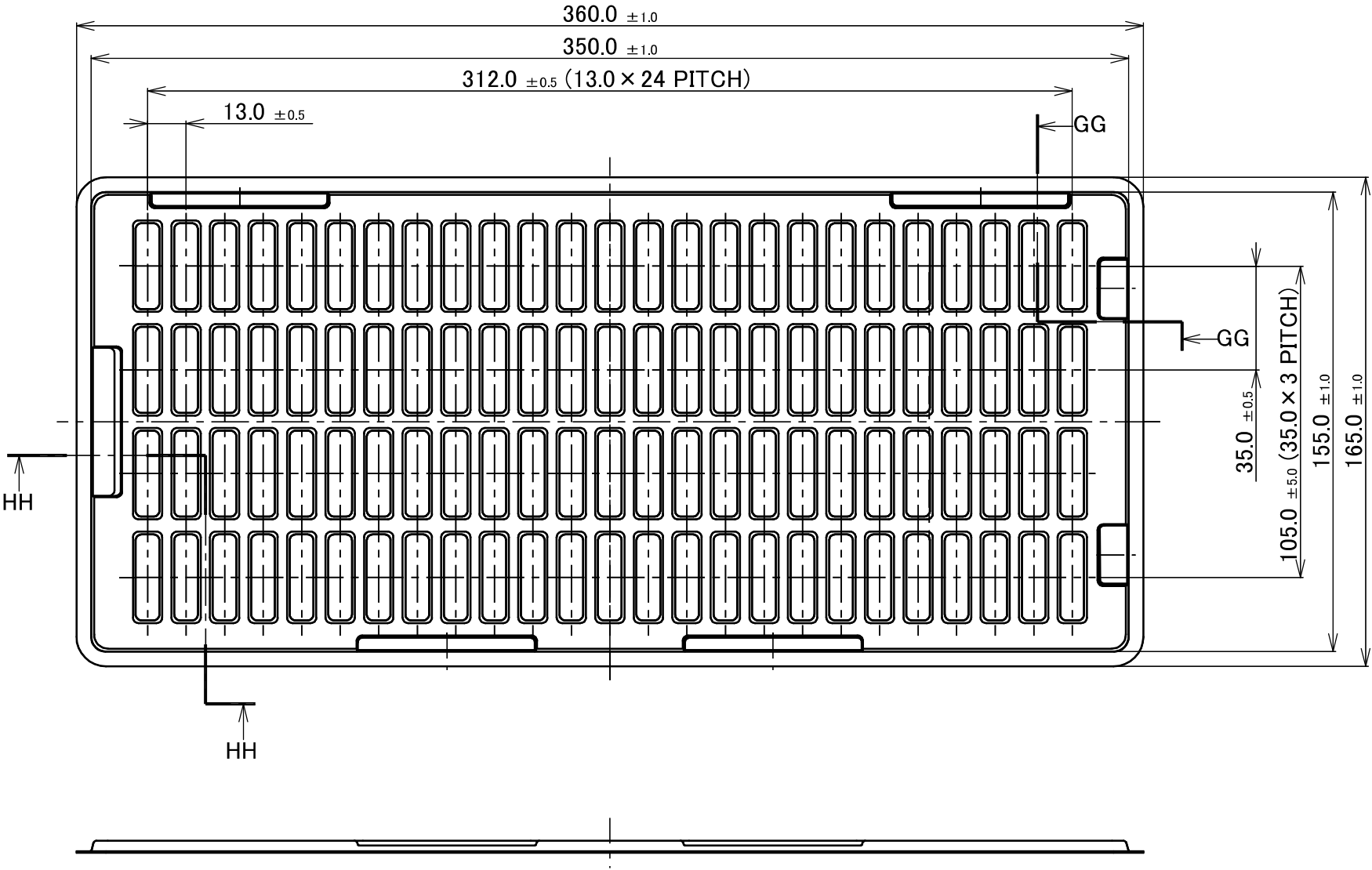


15	REINFORCING TAPE	-	-
14	INSULATOR	-	-
13	CONDUCTOR (GROUND)	Cu	Ni, Au
12	CONDUCTOR (SIGNAL)	Cu	Ni, Au
11	INSULATOR	-	-
NO.	DESCRIPTION	MATERIAL	PLATING

- NOTES.
- 6. ADHESIVE SHOULD USE THERMOSETTING.
 - 7. No.12: CONDUCTOR(SIGNAL) AND No.13: CONDUCTOR(GROUND) ARE NOT CONTACTING.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R0			
GENERAL TOLERANCE.				TITLE CABLIN [®] -VSF PLUG SHELL ASSEMBLY		SCALE		
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20645	SIZE	SHEET	REV.
						A3	5/6	16

PART NO.	QTY. IN DITCH (PIECES / DITCH)	QTY. IN TRAY (PIECES / TRAY)	QTY. PER SHIPPING CARTON (TRAYS / S CARTON)	QTY. PER PACKING CARTON (S CARTON / P CARTON)
20645-030T-01	1	100	20 / S CARTON =2000	4 / P CARTON = 8000
20645-040T-01				



16	TRAY	PP	ANTI-STATIC TYPE
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R0	CUSTOMER COPY				
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5							
GENERAL TOLERANCE.				TITLE CABLIN [®] -VSF PLUG SHELL ASSEMBLY		SCALE	I-PEX			
DWG.	DATE					10:1				
CHK.						UNIT				
						mm				
APP.				DWG. No.		SIZE	SHEET	REV.		
				20645	A3	6/6	16			