

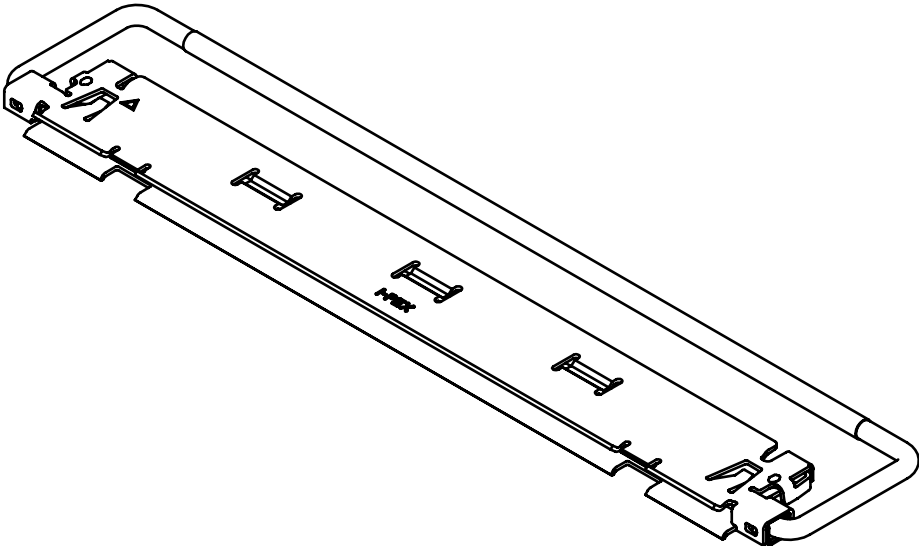
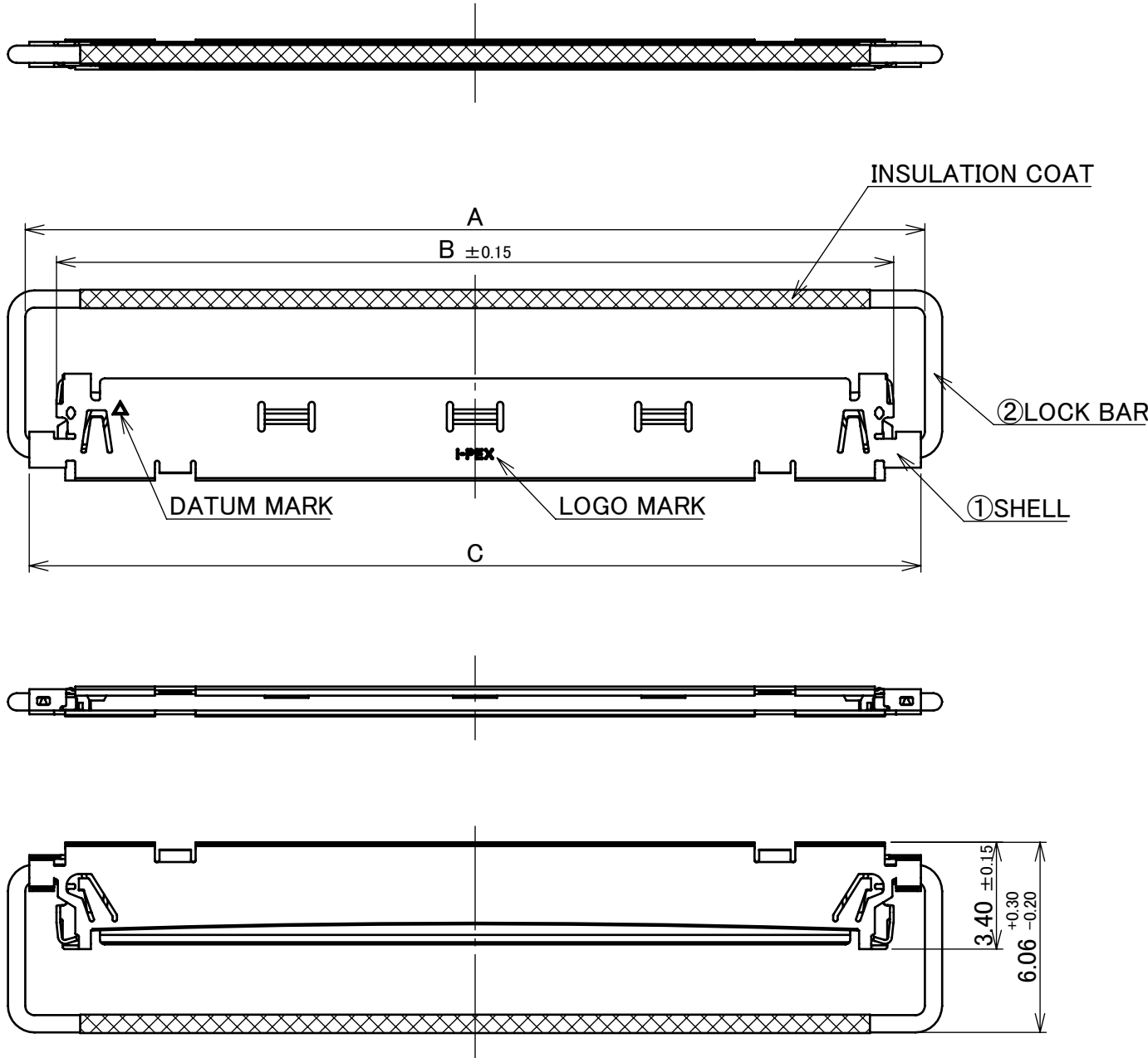
PART NO.	Pos.	A	B	C
20858-040T-01	40	20.65	18.66	20.40
20858-060T-01	60	28.65	26.66	28.40



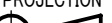
Halogen Free



RoHS Compliant



2	LOCK BAR	SUS	-
1	SHELL	PHOSPHOR BRONZE	PARTIAL Au 0.003 μ m MIN. OVER Ni 1.00 μ m MIN.
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

10	Z251278	T.O	2025/07/28	T.M	ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
9	Z250410	T.O	2025/03/12	T.M	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1			
8	Z240413	T.O	2024/04/04	T.M	GENERAL TOLERANCE.				TITLE CABLIN®-CAF SHELL ASSEMBLY		SCALE	I-PEX	
7	Z240332	T.O	2024/03/18	T.M	DWG.	DATE		5:1					
6	Z230865	T.O	2023/07/26	H.I	Y.Sasa		2018/12/25						
5	Z230463	T.O	2023/04/21	H.I	T.Masunaga								
REV.	ECN	BY	DATE	APP.	APP.				DWG. No.	20858	SIZE	SHEET	REV.
REVISION RECORD					H.Ikari				20858		A3	1/6	10

PART NO.	Pos.	B	C	D	E	F
20858-040T-01	40	18.66	20.40	21.75	16.40	15.60
20858-060T-01	60	26.66	28.40	29.75	24.40	23.60

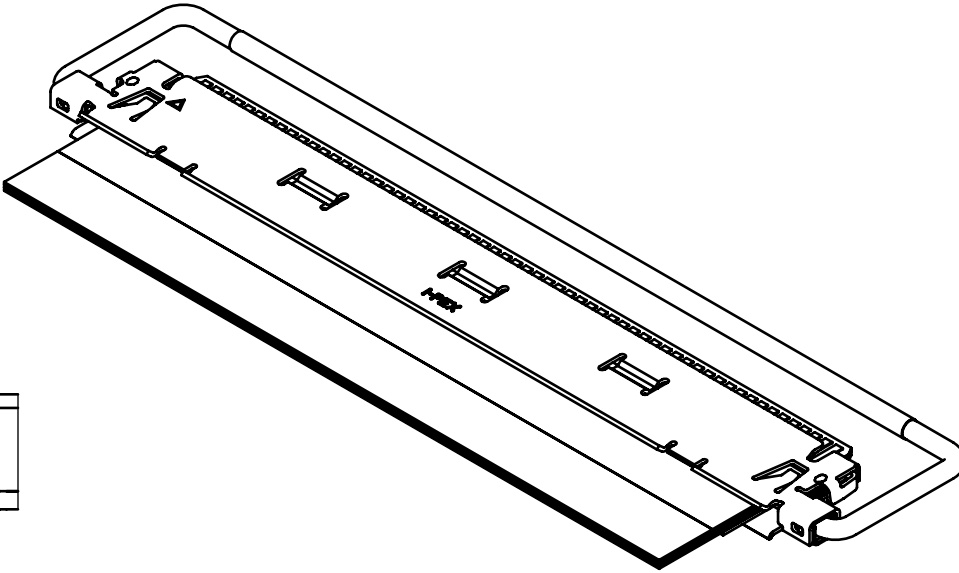
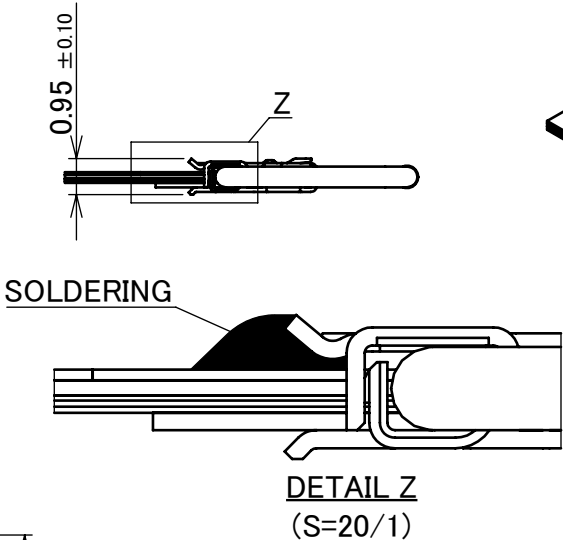
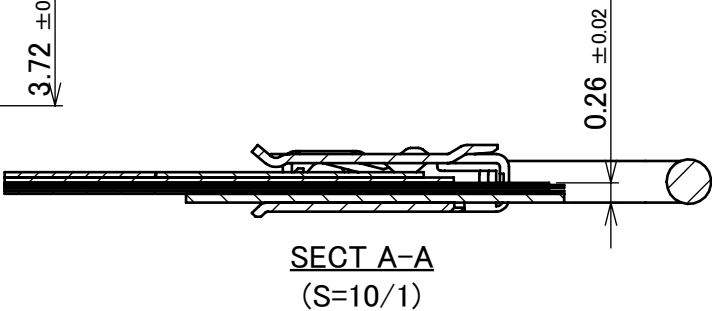
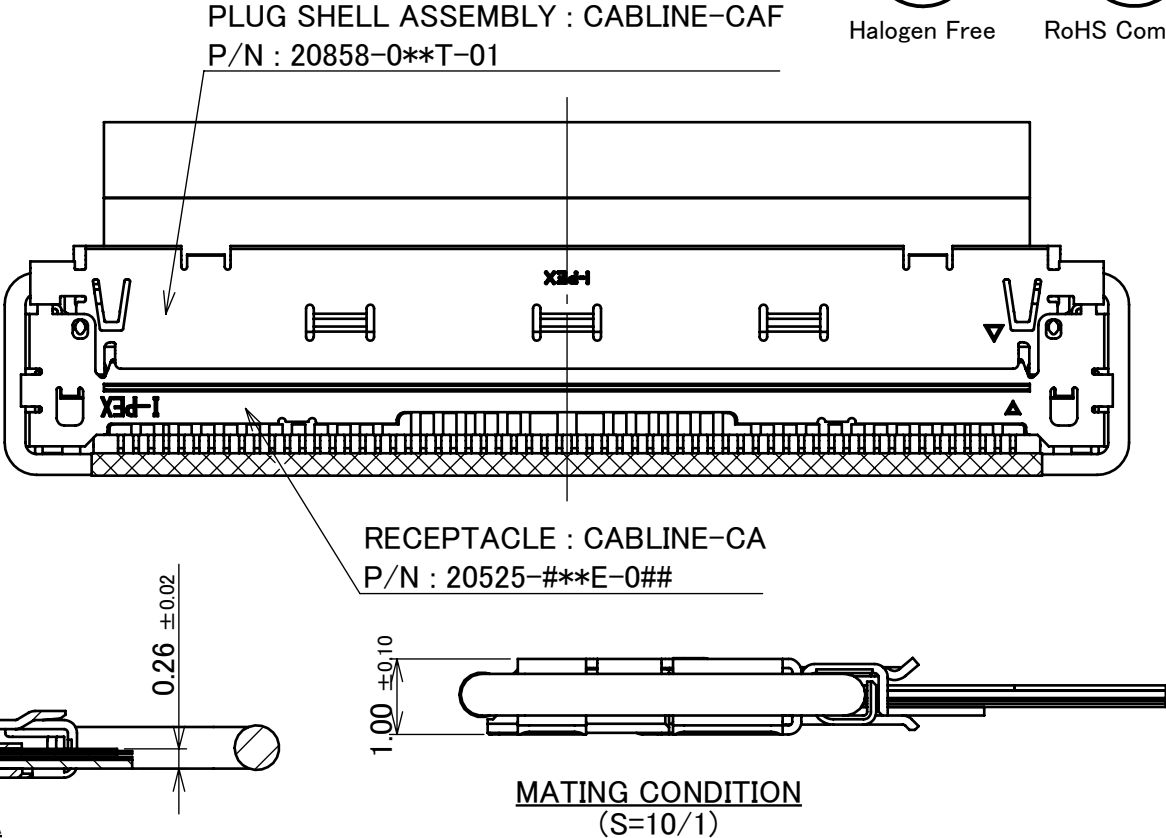
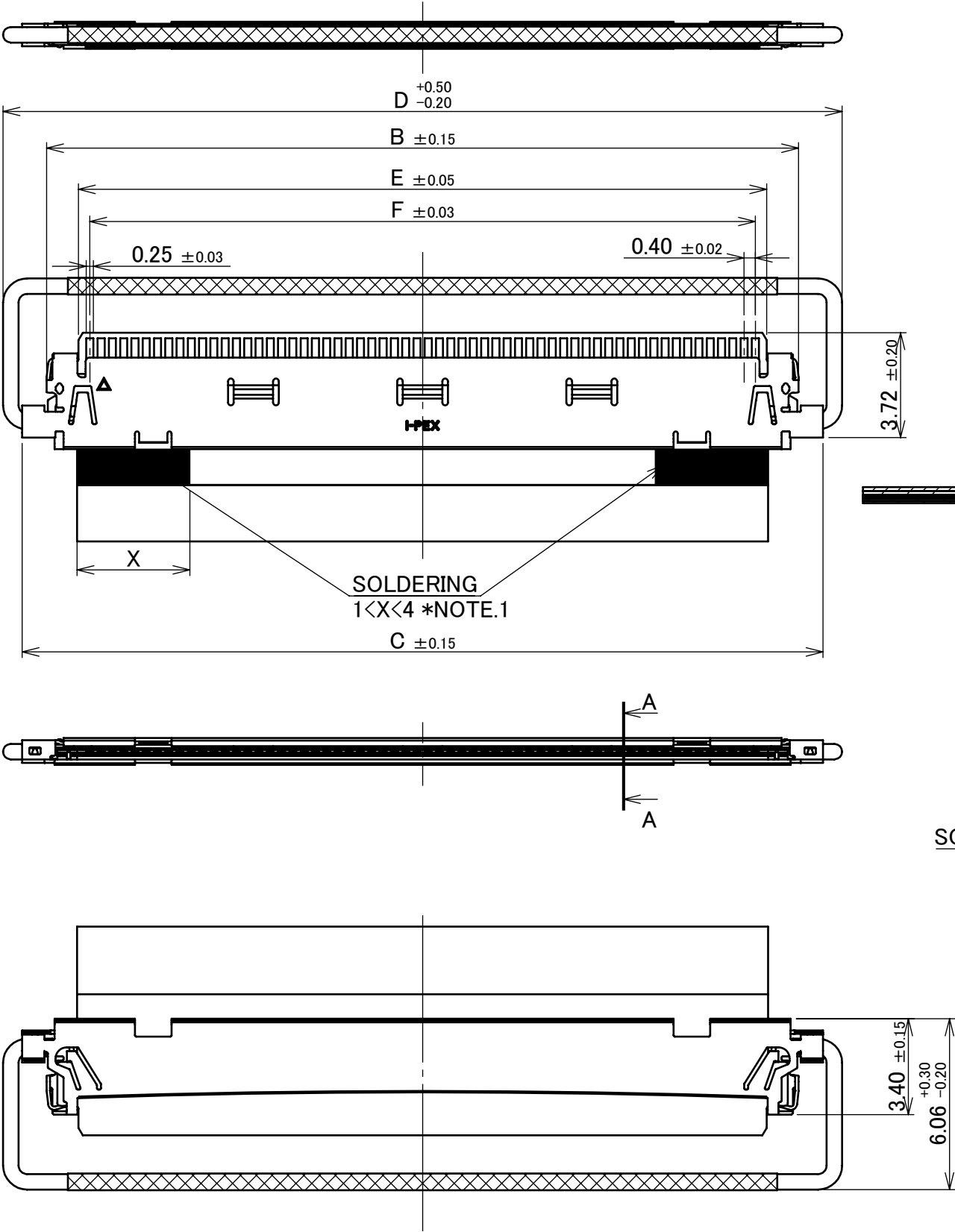
FPC ASSEMBLY STATE



Halogen Free



RoHS Compliant



- NOTES.
 1.SOLDERING AREA X IS RECOMMENDED DIMENSION.
 IT DOES NOT MATTER IF IT MIGHT BE EXCEED THE DIMENSION.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1			
GENERAL TOLERANCE.				TITLE CABLIN® –CAF SHELL ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20858	SIZE	SHEET	REV.
						A3	2/6	10

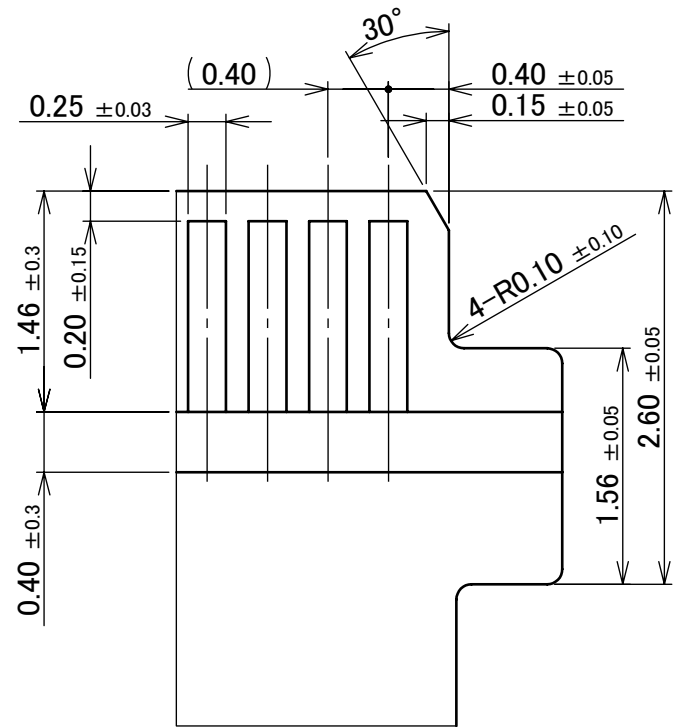
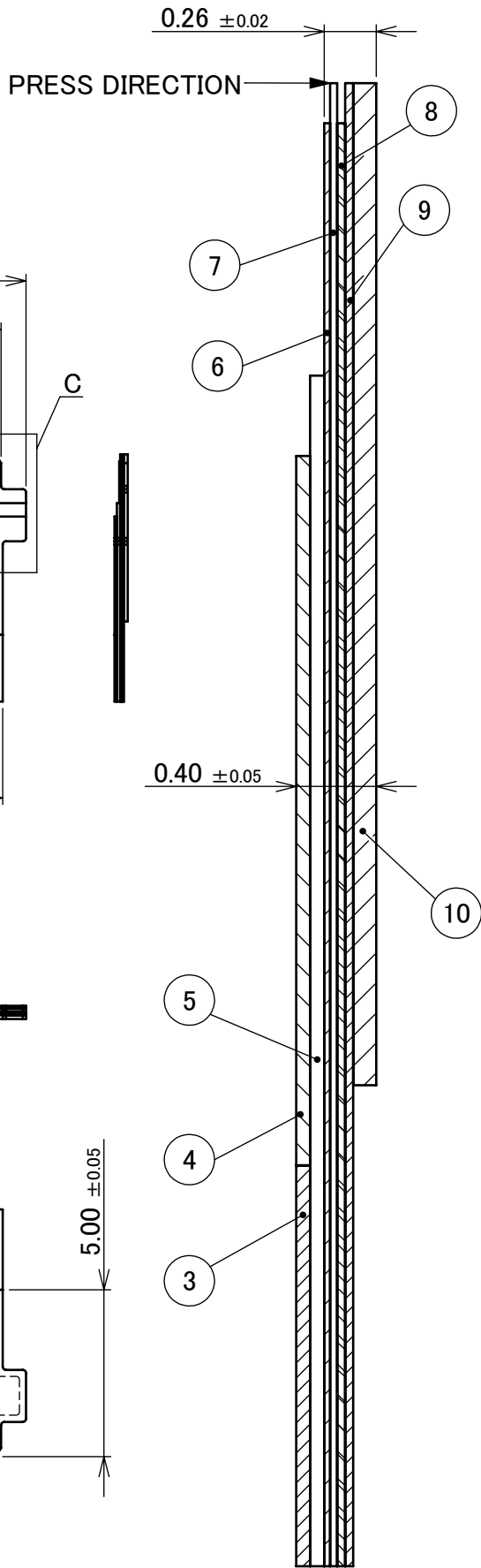
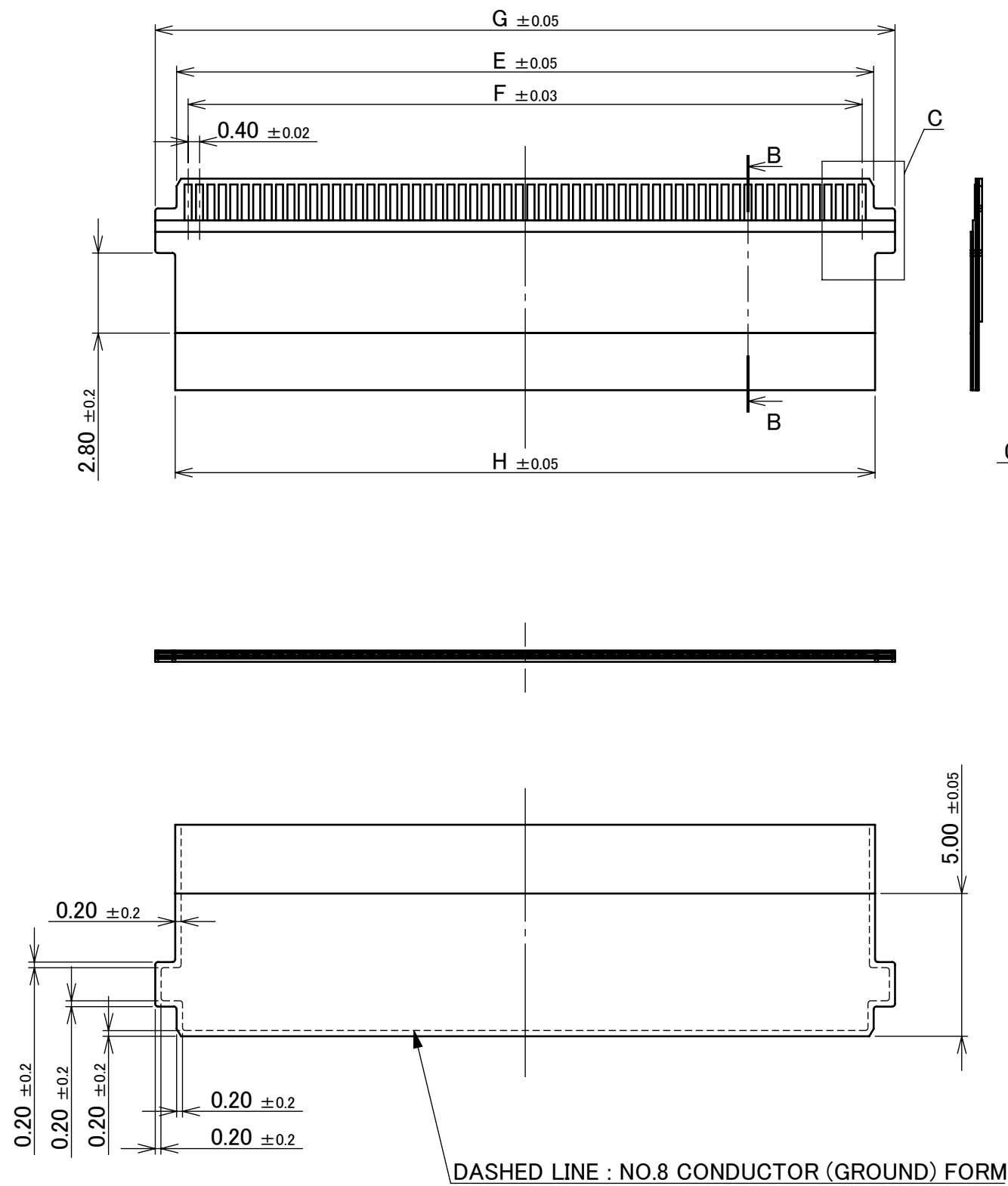
ITEMS	SPECIFICATION
RATING VOLTAGE	100V AC (PER CONTACT)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.5A AC/DC (PER CONTACT) ※AVAILABLE UP TO 14PIN 0.3A AC/DC (PER CONTACT) ※AVAILABLE UP TO ALL PIN
OPERATING TEMPERATURE	233~358K(-40℃~+85℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR 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)	40P : 11.07N MAX. 60P : 16.61N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	40P : 1.44N MIN. 60P : 2.16N MIN.
PRODUCT SPECIFICATION	PRS-2465
TEST REPORT	TR-18016
PACKING STANDARD	PST-17138
INSTRUCTION MANUAL	HIM-18016
ASSEMBLY MANUAL	ASM-18005
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R1	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] –CAF SHELL ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					—		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20858		SIZE A3	SHEET 3/6	REV. 10

PART NO.	Pos.	E	F	G	H
20858-040T-01	40	16.40	15.60	17.90	16.50
20858-060T-01	60	24.40	23.60	25.90	24.50

RECOMMENDED FPC LAYOUT

【SHIELDED FPC】



- NOTES.
- 1. ADHESIVE SHOULD USE THERMOSETTING.
 - 2. NO.3 : SHIELD FILM AND NO.4, NO.8 : CONDUCTOR (GROUND) ARE CARRYING OUT THE ELECTRICAL CONNECTION.
 - 3. NO.4 : CONDUCTOR (GROUND) AND NO.8 : CONDUCTOR (GROUND) ARE CARRYING OUT THE ELECTRICAL CONNECTION.
 - 4. NO.3 : SHIELD FILM AND NO.6 : CONDUCTOR (SIGNAL) ARE NOT CONTACTING.
 - 5. NO.4, NO.8 : CONDUCTOR (GROUND) AND NO.6 : CONDUCTOR (SIGNAL) ARE NOT CONTACTING.

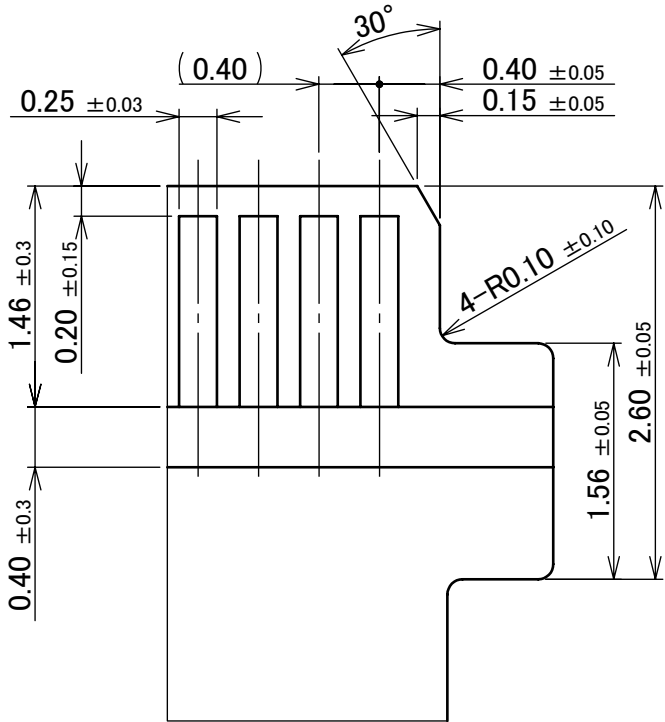
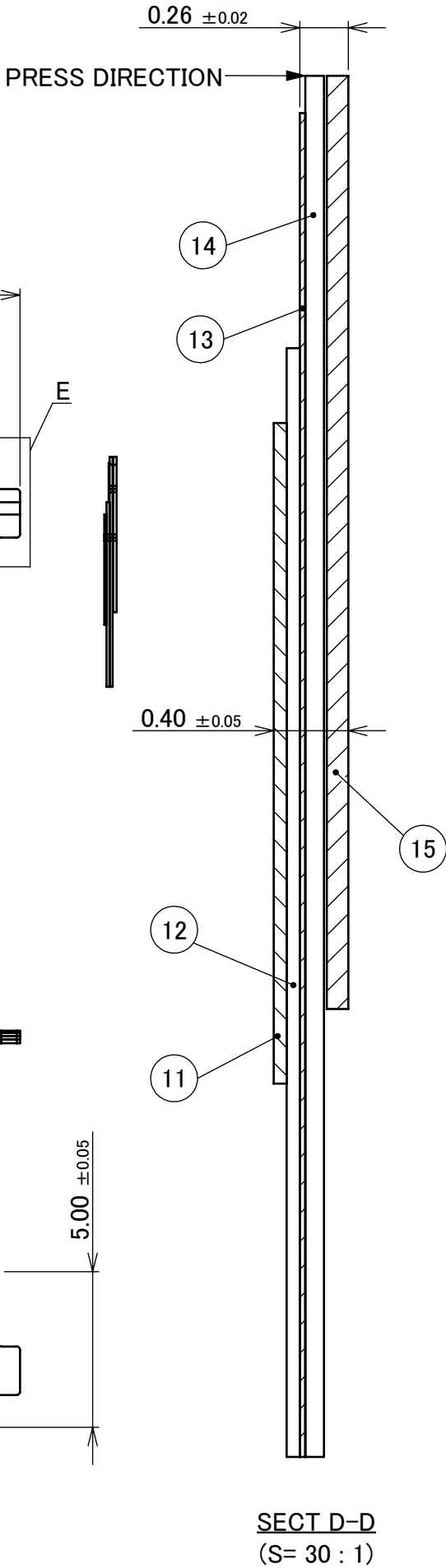
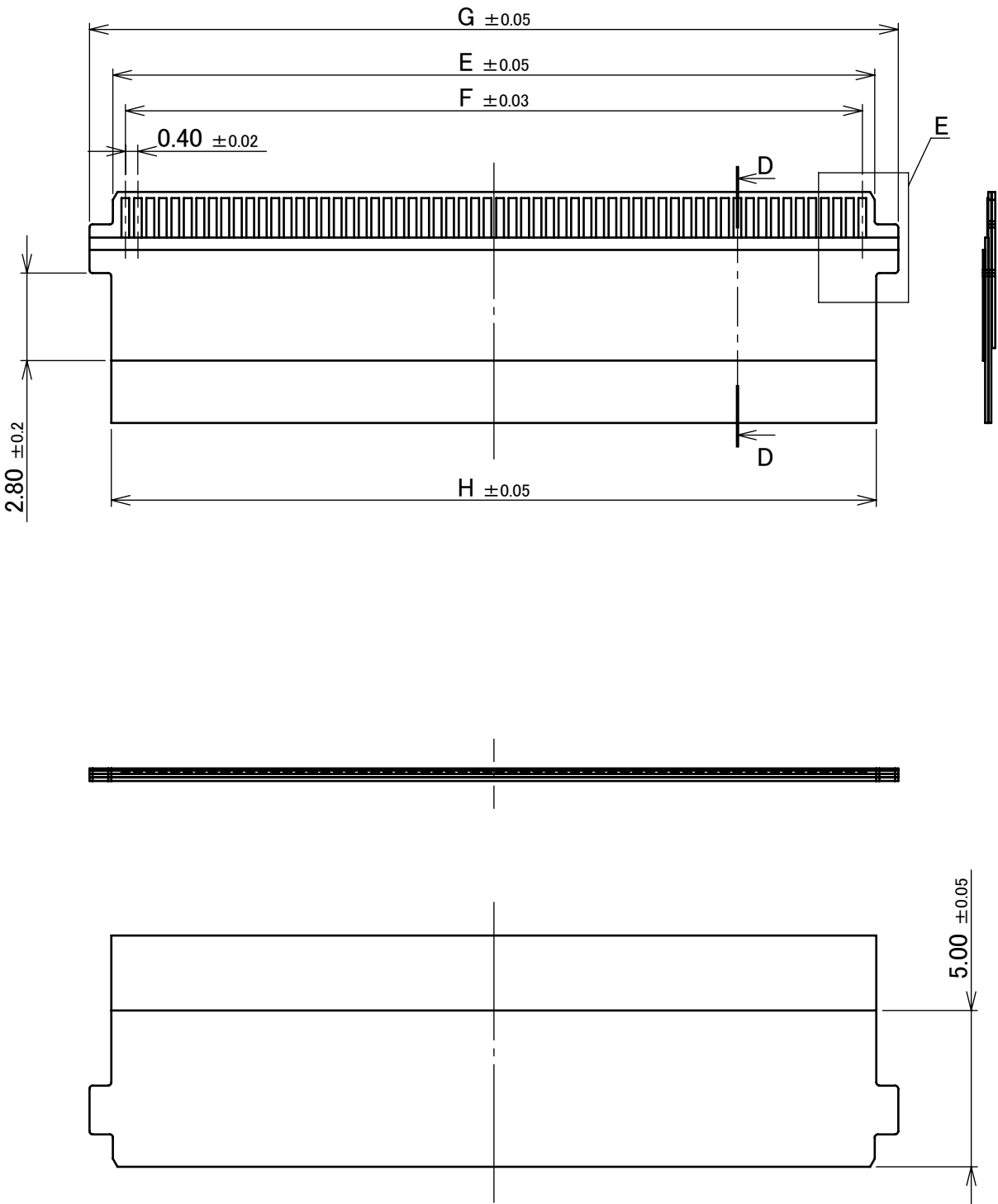
3	SHIELD FILM	-	-
4	CONDUCTOR (GROUND)	Cu	Ni, Au
5	INSULATOR	-	-
6	CONDUCTOR (SIGNAL)	Cu	Ni, Au
7	INSULATOR	-	-
8	CONDUCTOR (GROUND)	Cu	Ni
9	INSULATOR	-	-
10	REINFORCING TAPE	-	-
No.	DESCRIPTION	MATERIAL	PLATING

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5		R1			
GENERAL TOLERANCE.				TITLE		SCALE	I-PEX	
DWG. DATE				CABLINE®-CAF SHELL ASSEMBLY		5:1		
CHK.						UNIT		
APP.				DWG. No.		mm		
				20858		SIZE	SHEET	REV.
						A3	4/6	10

PART NO.	Pos.	E	F	G	H
20858-040T-01	40	16.40	15.60	17.90	16.50
20858-060T-01	60	24.40	23.60	25.90	24.50

RECOMMENDED FPC LAYOUT

【NON SHIELDED FPC】



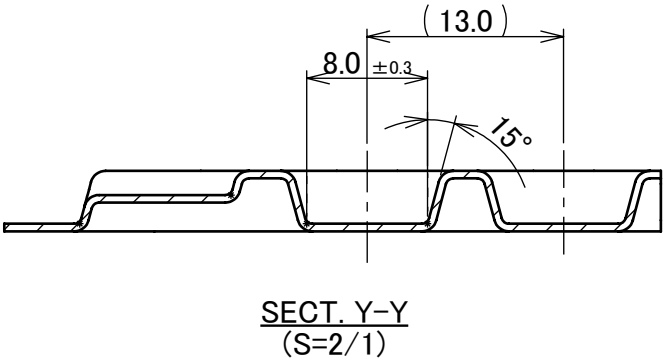
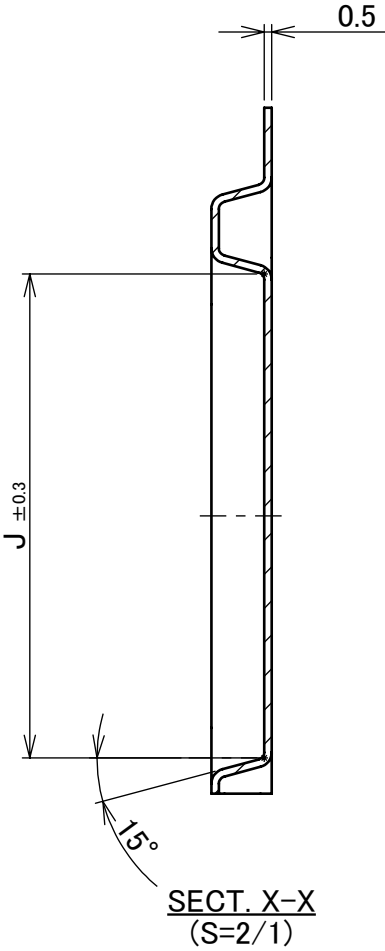
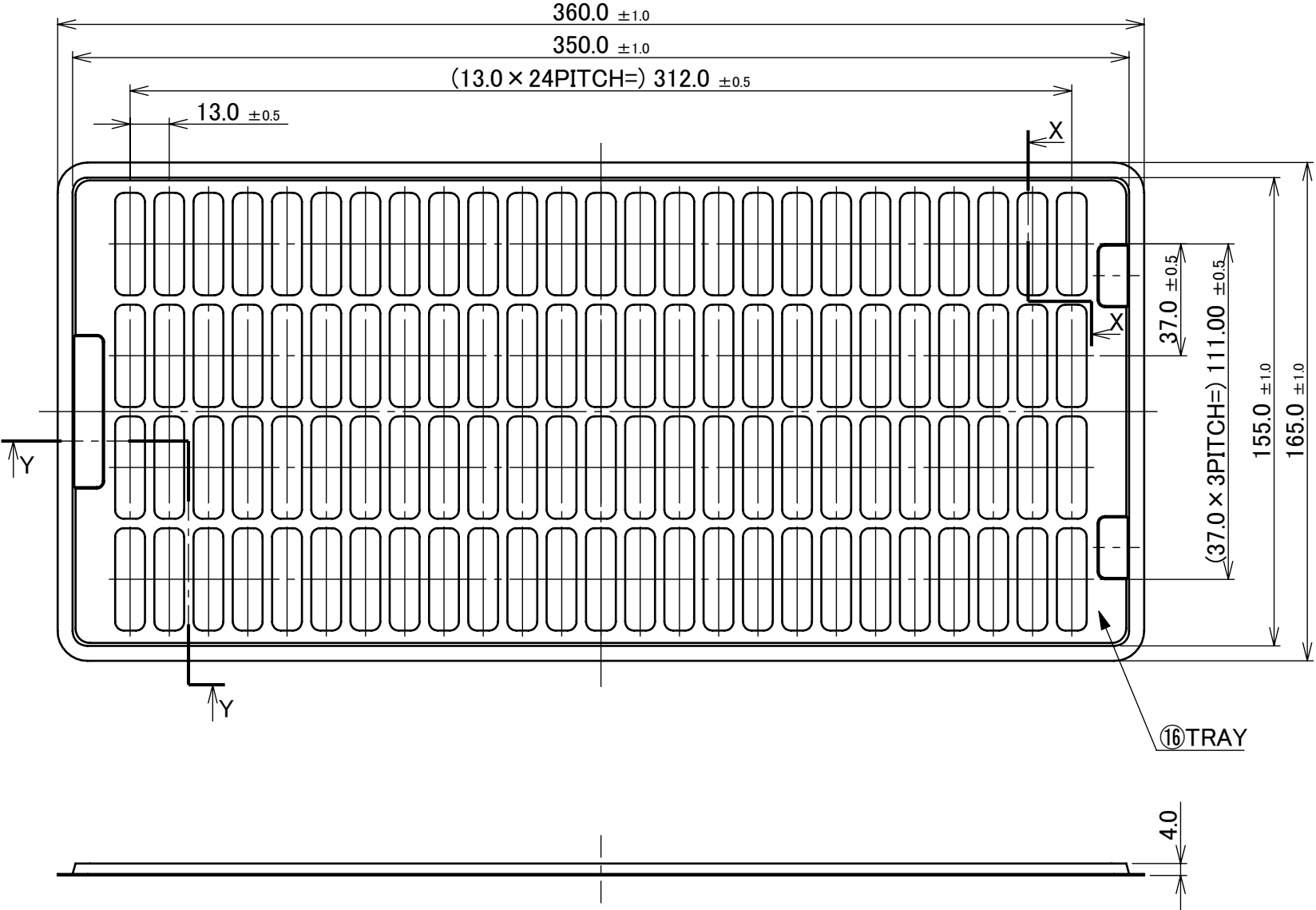
DETAIL E
(S=20:1)

- NOTES.
- ADHESIVE SHOULD USE THERMOSETTING.
 - NO.11 : CONDUCTOR (GROUND) AND NO.1: SHELL ARE CARRYING OUT THE ELECTRICAL CONNECTION BY SOLDERING.
 - NO.11 : CONDUCTOR (GROUND) AND NO.13 : CONDUCTOR (SIGNAL) ARE NOT CONTACTING.

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

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R1			
GENERAL TOLERANCE.				TITLE CABLINE® –CAF SHELL ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20858	SIZE	SHEET	REV.
						A3	5/6	10

PART NO.	J	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)
20858-040T-01	29.00	1	100	20 / S CARTON =2000	4 / P CARTON = 8000
20858-060T-01	32.00	1	100	20 / S CARTON =2000	4 / P CARTON = 8000



16	TRAY	PP	ANTI-STATIC TYPE
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
ANGLE	±2°	6 OVER 30 MAX.	±0.3
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5
GENERAL TOLERANCE.		TITLE	CUSTOMER COPY
DWG.	DATE	CABLIN [®] -CAF SHELL ASSEMBLY	SCALE
CHK.			1:2
APP.			UNIT
		DWG. No.	mm
		20858	SIZE
			A3
			SHEET
			6/6
			REV.
			10