

Recommended P/N 20498-0**E-41

PART No.	Pos.	A	B	C	D	E
20498-026E-##	26	12.4	10.8	8.1	3.6	6.7
20498-032E-##	32	14.2	12.6	9.9	4.5	10.9
20498-040E-##	40	16.6	15.0	12.3	5.7	10.9
20498-050E-##	50	19.6	18.0	15.3	7.2	11.5

20498-0**E-##

0 : WITHOUT VACUUM CLIP
1 : WITH VACUUM CLIP

3 : SHELL Au PLATING
4 : SHELL Sn PLATING

Pos.

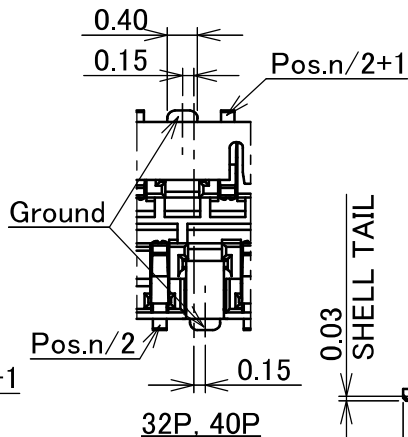
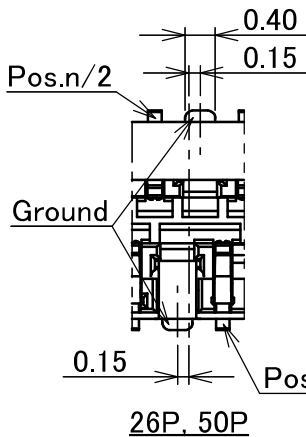
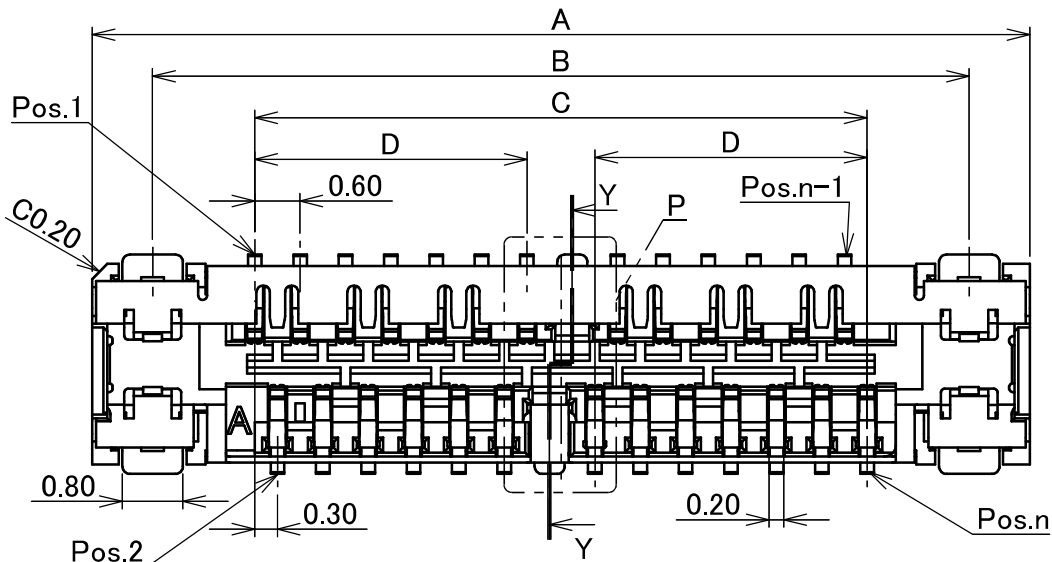
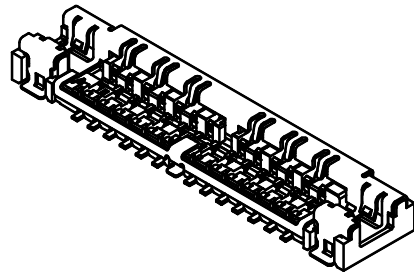


Halogen Free

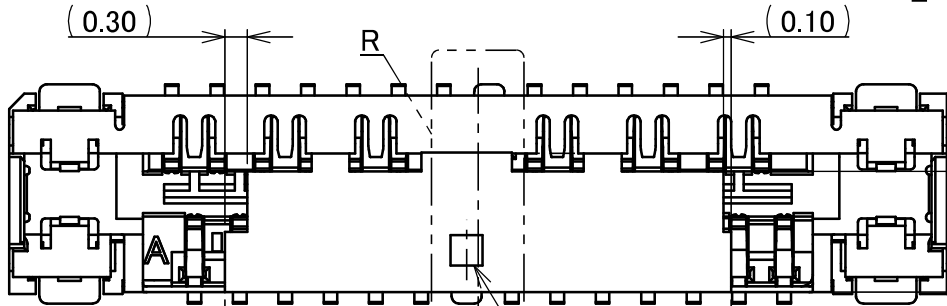
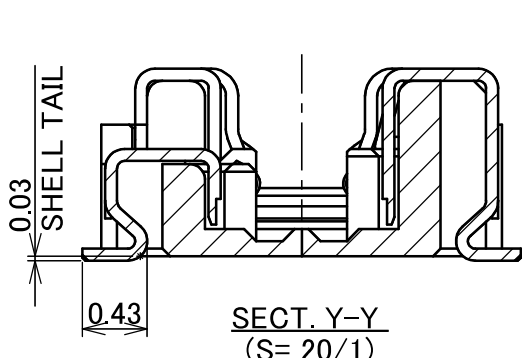
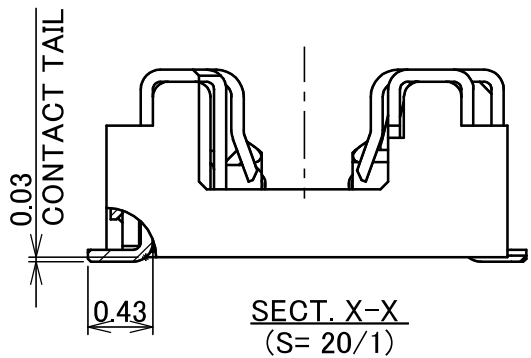
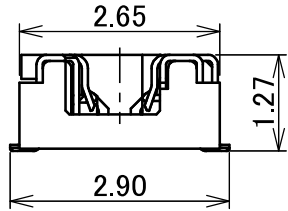
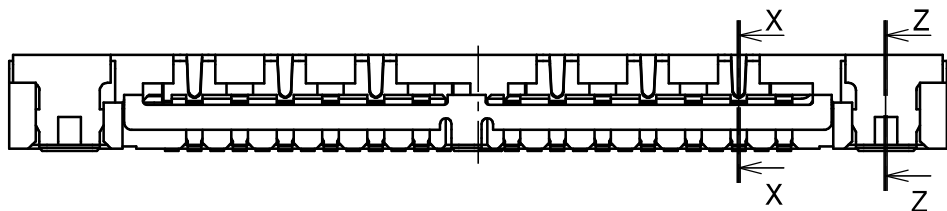
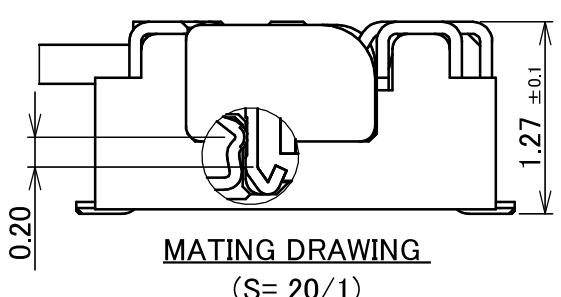
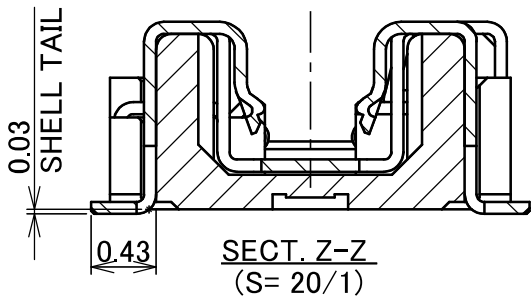


RoHS Compliant

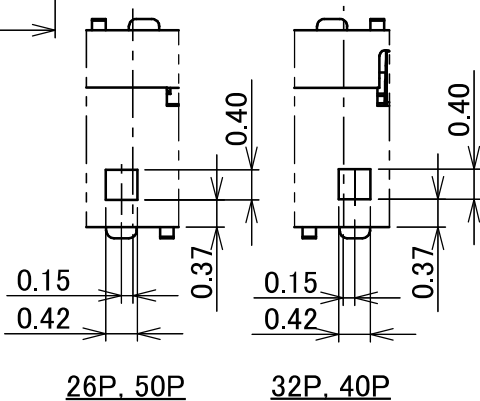
PART COMBINATION TABLE	
RECEPTACLE ASSEMBLY	PLUG CABLE ASSEMBLY
20498-0**E-3#	20496-0**-30
20498-0**E-4#	20496-0**-40



DETAIL P



WITH VACUUM CLIP



DETAIL R

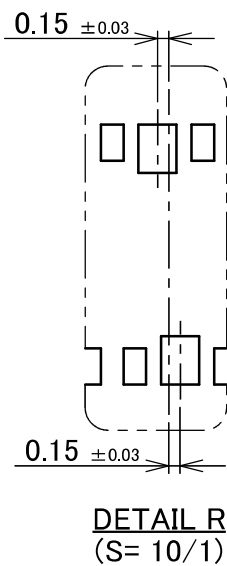
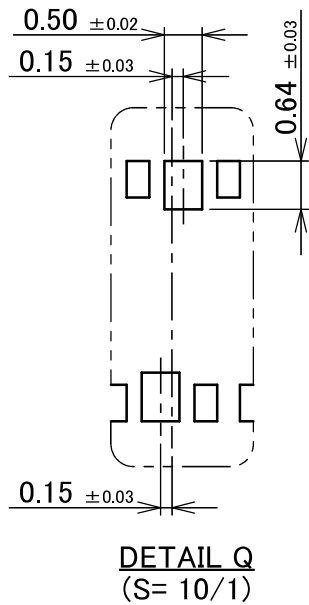
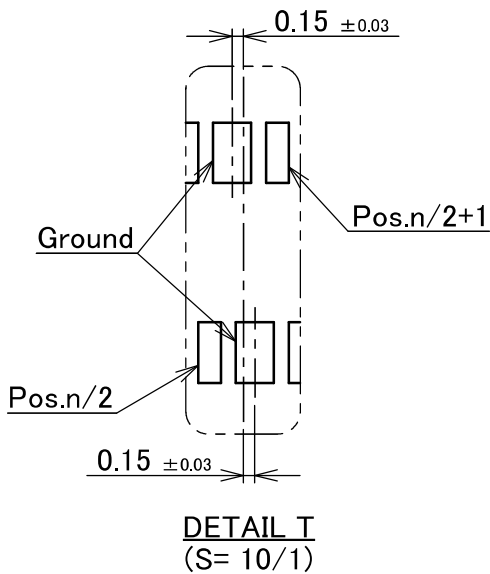
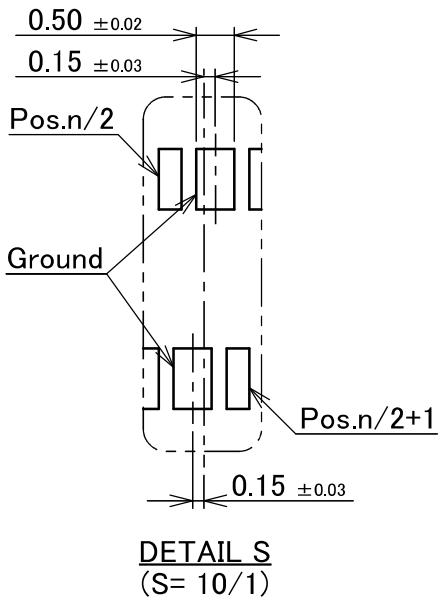
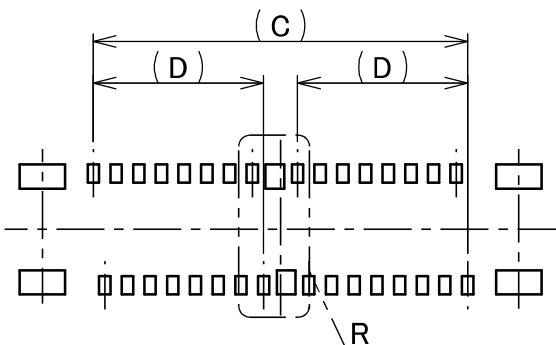
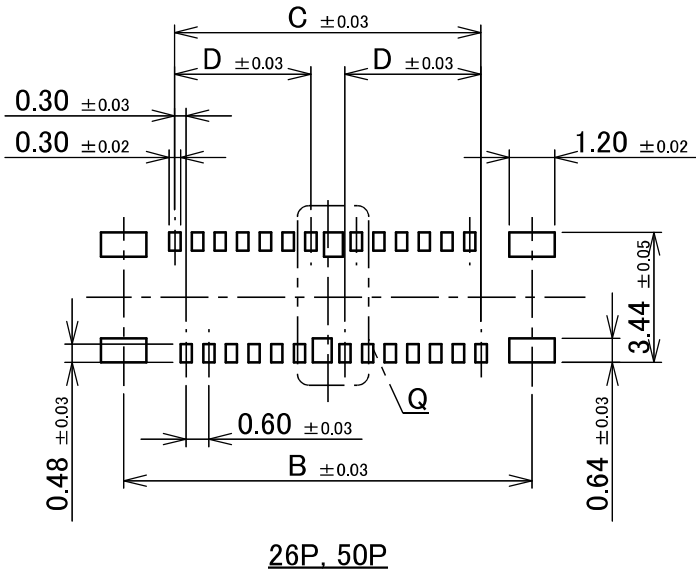
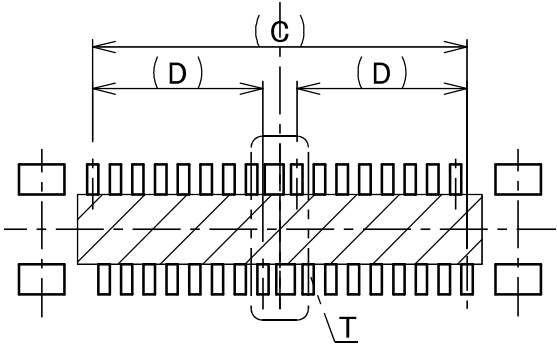
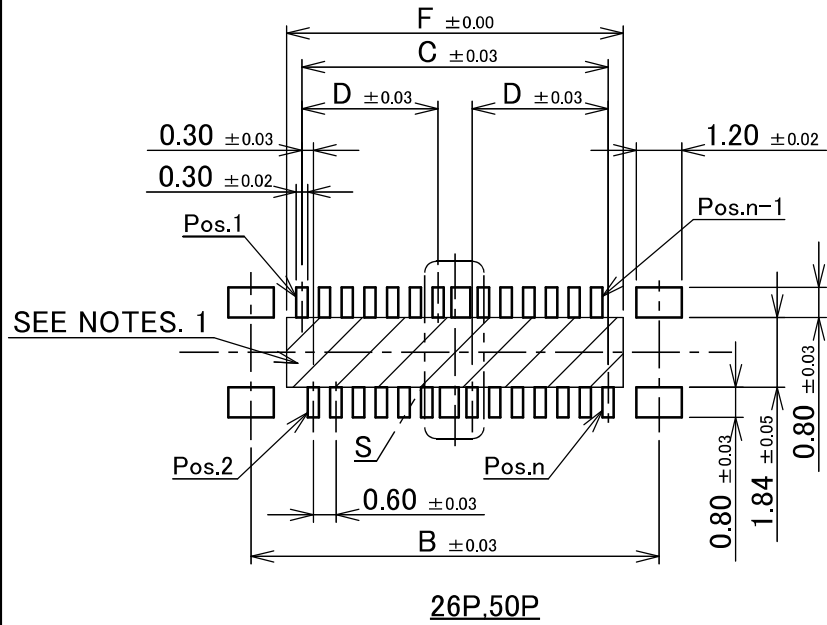
4	VACUUM CLIP	LCP	UL94V-0,BEIGE
3	SHELL	PHOSPHOR BROMZE	P/N 20498-0**E-3#: Au 0.02 μ m MIN. OVER Ni 1.00 μ m MIN. P/N 20498-0**E-4#: Sn 2.00 μ m MIN. OVER Ni 1.00 μ m MIN.
2	CONTACT	PHOSPHOR BRONZE	ALL OVER : Ni 1.00 μ m MIN. CONTACT AREA : Au 0.1 μ m MIN. SOLDERING AREA : Au 0.05 μ MIN.
1	HOUSING	LCP	UL94V-0,BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

22	ZC00924	R.H	2026/09/03	T.M	ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
21	ZC00745	R.H	2026/06/09	T.M	6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
20	ZC00734	R.H	2026/06/03	T.M	GENERAL TOLERANCE.				TITLE CABLINE®-UA II RECEPTACLE ASSEMBLY	SCALE 10:1	I-PEX		
19	Z240030	R.H	2024/01/10	H.I	DWG.	J.Ohsaka	DATE	2008/11/28					
18	Z220216	S.Y	2022/03/02	H.I	CHK.	-							
17	Z211184	R.H	2021/09/30	H.I	APP.	E.Kawabe	2008/12/02						
REV.	ECN	BY	DATE	APP.	REVISION RECORD				DWG. No.	20498	SIZE A3	SHEET 1/6	REV. 22

ITEMS	SPECIFICATION
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 46 , 44 , 42 DISCRETE WIRE : AWG# 39
RATING VOLTAGE	50V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR CONTACT)	0.50A AC/DC [AWG#39] (PER CONTACT PIN / UP TO 10 CONTACTS) 0.20A AC/DC [AWG#42] 0.19A AC/DC [AWG#44] 0.15A AC/DC [AWG#46] ※ TESTING BY A REAL MACHINE IS RECOMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION
OPERATING TEMPERATURE	233~358K(-40℃~+85℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 450mohm MAX.(AWG#39) 700mohm MAX.(AWG#42) 1080mohm MAX.(AWG#44) 1880mohm MAX.(AWG#46) AFTER TEST : ∠40mohm MAX.
GROUND CONTACT RESISTANCE	INITIAL : 100mohm MAX. / AFTER TEST : ∠40mohm MAX.
INSULATION RESISTANCE	INITIAL : 100Mohm MIN. / AFTER TEST : 100Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC100V 1min
DURABILITY	20 CYCLES
MATING FORCE (INITIAL / 20 CYCLES)	26P : 28.0N MAX. 32P : 34.5N MAX. 40P : 40.0N MAX. 50P : 50.0N MAX.
UNMATING FORCE (INITIAL / 20 CYCLES)	26P : 3.0N MIN. 32P : 3.0N MIN. 40P : 3.0N MIN. 50P : 3.0N MIN.
COPLANARITY	0.10MAX
CABLE RETENTION FORCE	15.0N MIN. (AWG# 44)
PRODUCT SPECIFICATION	PRS-1469
TEST REPORT	TR-09032
PACKING STANDARD	300-697
INSTRUCTION MANUAL	HIM-09006
ASSEMBLY MANUAL	ASM-09004
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLINE®-UA II RECEPTACLE ASSEMBLY		SCALE		
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No.	20498	SIZE	SHEET	REV.
						A3	2/6	22

PART No.	Pos.	A	B	C	D	F
20498-026E-##	26	12.4	10.8	8.1	3.6	8.9
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20498-050E-##	50	19.6	18.0	15.3	7.2	16.1



RECOMMENDED FOOTPRINT PATTERN LAYOUT

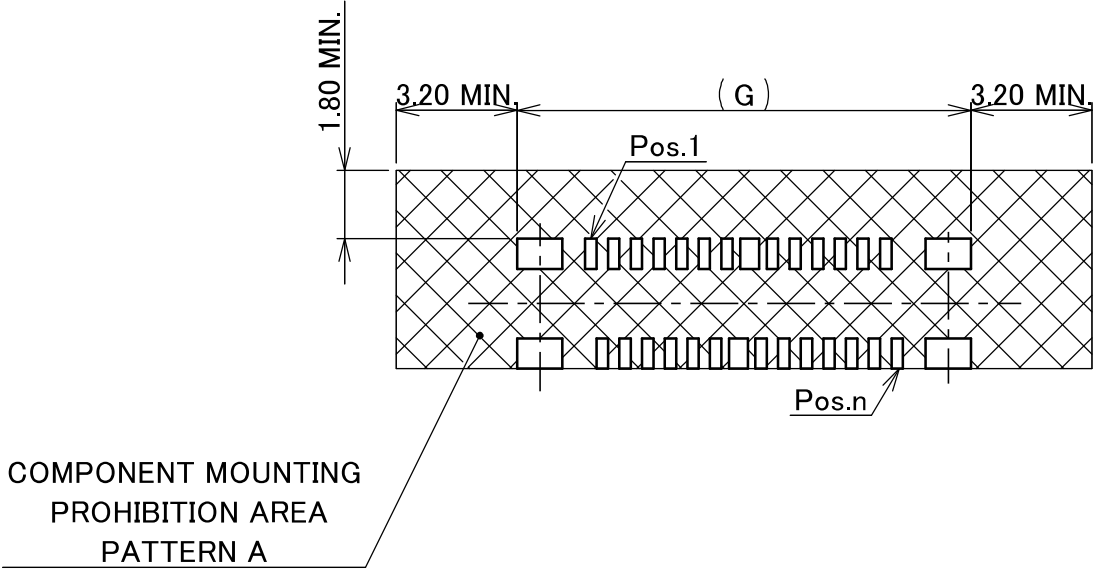
RECOMMENDED FOOTPRINT METAL MASK LAYOUT
METAL MASK THICKNESS : t=0.12 mm

NOTES.
1. SOLDER RESIST MUST BE APPLIED TO THIS AREA

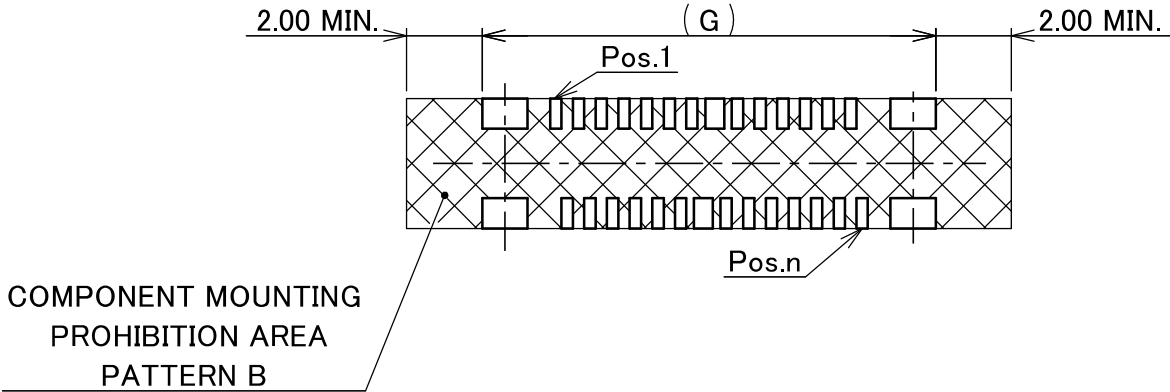
ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				TITLE CABLIN [®] -UA II RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE					5:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20498		SIZE A3	SHEET 3/6	REV. 22

PART No.	Pos.	G
20498-026E-##	26	12.0
20498-032E-##	32	13.8
20498-040E-##	40	16.2
20498-050E-##	50	19.2

PATTERN A : WHEN USING A DOUBLE-SIDE REMOVAL JIG

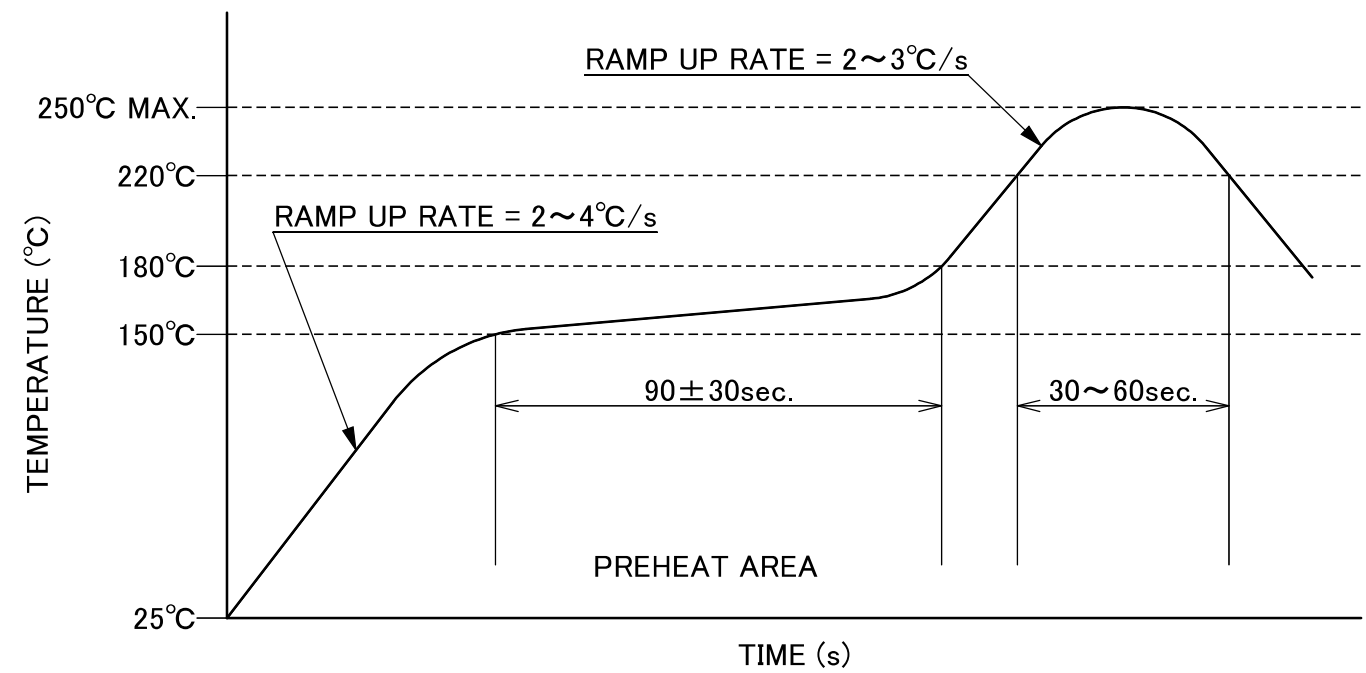
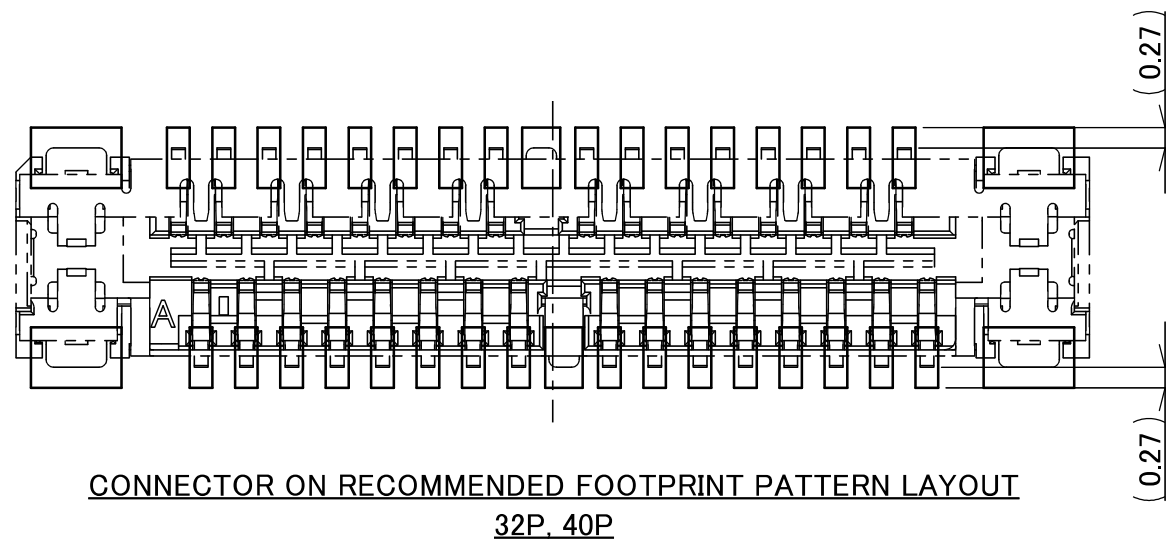
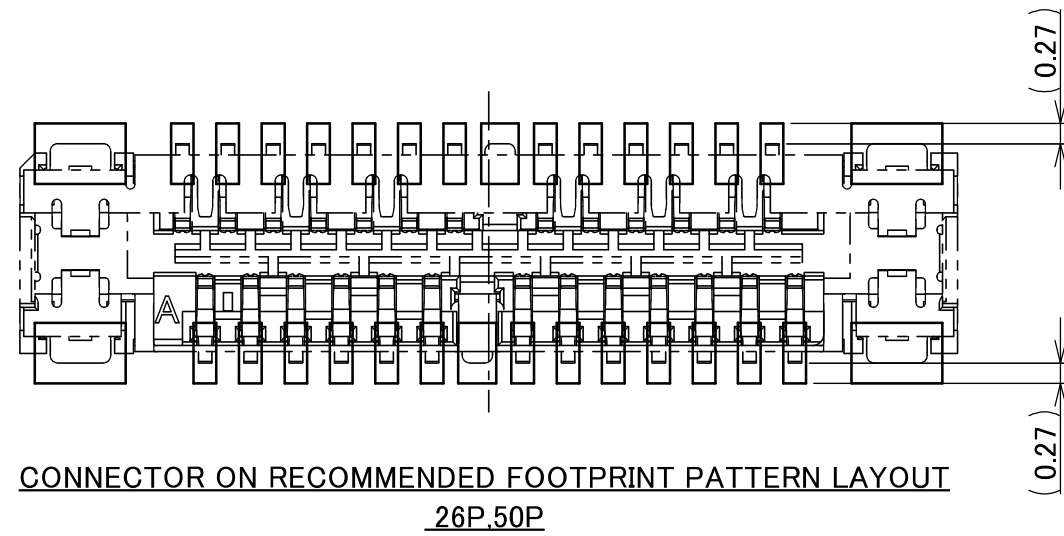


PATTERN B : WHEN USING A SINGLE-SIDED REMOVAL JIG

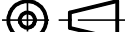
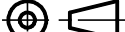


COMPONENT MOUNTING PROHIBITION AREA

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No.	CUSTOMER COPY			
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3				
GENERAL TOLERANCE.					TITLE CABLIN [®] -UA II RECEPTACLE ASSEMBLY		SCALE	I-PEX	
DWG.	DATE						5:1		
CHK.							UNIT		
APP.							mm		
				DWG. No.	20498	SIZE	SHEET	REV.	
						A3	4/6	22	



REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ANGLE	±2°	6 OVER 30 MAX.	±0.3		SERIES No. R3	CUSTOMER COPY		
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5					
GENERAL TOLERANCE.				 TITLE CABLIN [®] -UA II RECEPTACLE ASSEMBLY		SCALE		
DWG.		DATE				10:1		
CHK.						UNIT		
APP.						mm		
				DWG. No. 20498		SIZE A3	SHEET 5/6	REV. 22

