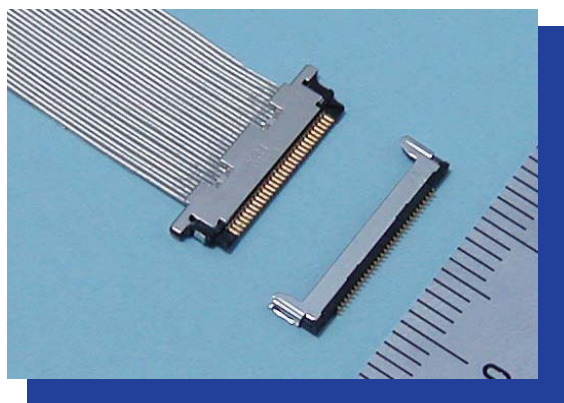




- Ultra low profile : 1.0mm maximum of mating height
- Mating depth : 5.65mm,
Connector width : 16.8mm (30p)
- Impedance matching and EMI performance with METAL SHELL
- Stable mating with housing lock mechanism.
- Soldering connection

【Number of Position】

10p, 15p, 20p, 25p, 30p, 35p, 40p

【Applicable Cable Size】

Micro Coax	AWG #40, #42, #44
TWINCOAX	AWG #40
DISCRETE	AWG #36

【Ordering Code】

PLUG Connector Set (for Cable)

Parts Ordering (HOUSING)

20346- 0 ** T- * 2 *
 ① ② ③ ⑤

Parts Ordering (SHELL A)

2047-0 ** *
 ① ④

RECEPTACLE Connector Set
(for PC Board)

20347- * ** E- * * *
 ① ② ③ ④ ⑥ ⑦

①	POS.	10:10pos. 15:15pos. 20:20pos. 25:25pos. 30:30pos. 35:35pos. 40:40pos.	
②	Packaging	T	Tray
③	SHELL B Plating and Lock	1	Sn Without LOCK
		3	Sn With LOCK
④	SHELL A Plating	3	Sn
⑤	Red-P	-	Not Compliant
		R	Red Phosphorus Free

①	SHELL Plating and Lock	1	Sn Without LOCK
		3	Sn With LOCK
②	POS.	10:10pos. 15:15pos. 20:20pos. 25:25pos. 30:30pos. 35:35pos. 40:40pos.	
③	Packaging	E	Emboss Tape
④	Nickel Barrier	0	Without
		1	With
⑥	BOSS	1	With
		2	Without
⑦	Red-P	-	Not Compliant
		R	Red Phosphorus Free

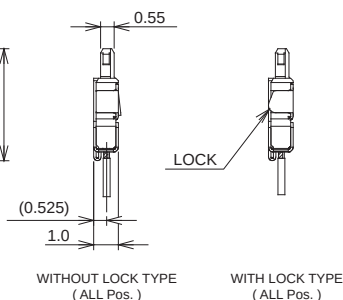
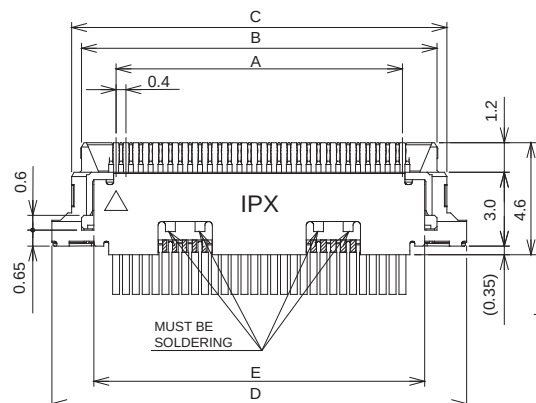
【Recommended P/N】

POS.	HOUSING	Shell A	PLUG Connector Set	RECEPTACLE
10	20346-010T-32R	2047-0103	20345-010T-32R	20347-310E-12R
15	20346-015T-32R	2047-0153	20345-015T-32R	20347-315E-12R
20	20346-020T-32R	2047-0203	20345-020T-32R	20347-320E-12R
25	20346-025T-32R	2047-0253	20345-025T-32R	20347-325E-12R
30	20346-030T-32R	2047-0303	20345-030T-32R	20347-330E-12R
35	20346-035T-32R	2047-0353	20345-035T-32R	20347-335E-12R
40	20346-040T-32R	2047-0403	20345-040T-32R	20347-340E-12R

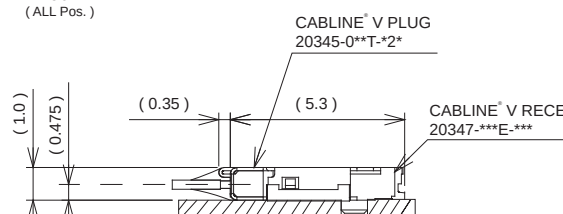
PLUG

Set P/N : 20345-0**T-*2*

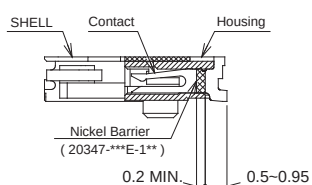
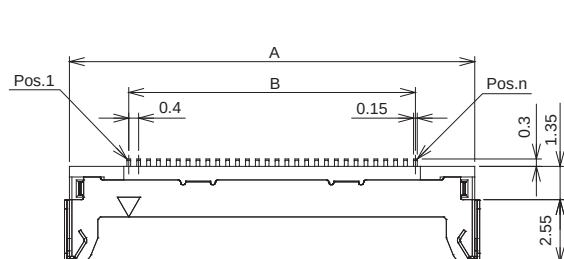
POS.	A	B	C	D	E
10p	3.6	6.4	7.2	8.8	5.4
15p	5.6	8.4	9.2	10.8	7.4
20p	7.6	10.4	11.2	12.8	9.4
25p	9.6	12.4	13.2	14.8	11.4
30p	11.6	14.4	15.2	16.8	13.4
35p	13.6	16.4	17.2	18.8	15.4
40p	15.6	18.4	19.2	20.8	17.4

**Material / Finish**

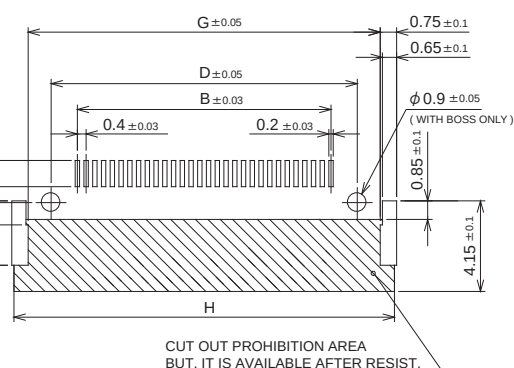
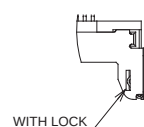
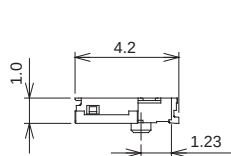
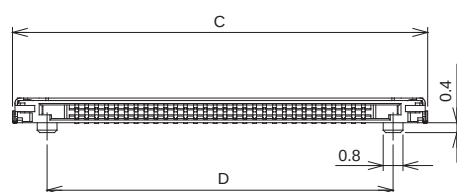
HOUSING	LCP UL94V-0	BLACK
CONTACT	COPPER ALLOY	Au
SHELL A	STAINLESS STEEL	Sn
SHELL B	COPPER ALLOY	Sn

**MATED VIEW****RECEPTACLE**

POS.	PART NO.	A	B	C	D	G	H
10p	20347-*10E-***	8.4	3.6	8.8	6.0	8.1	9.4
15p	20347-*15E-***	10.4	5.6	10.8	8.0	10.1	11.4
20p	20347-*20E-***	12.4	7.6	12.8	10.0	12.1	13.4
25p	20347-*25E-***	14.4	9.6	14.8	12.0	14.1	15.4
30p	20347-*30E-***	16.4	11.6	16.8	14.0	16.1	17.4
35p	20347-*35E-***	18.4	13.6	18.8	16.0	18.1	19.4
40p	20347-*40E-***	20.4	15.6	20.8	18.0	20.1	21.4

**Material / Finish**

HOUSING	LCP UL94V-0	BLACK
CONTACT	COPPER ALLOY	Au
SHELL	COPPER ALLOY	Sn

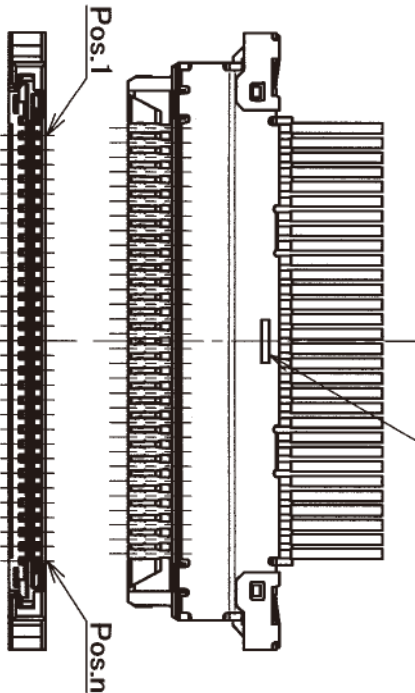
**RECOMMENDED PATTERN LAYOUT**

Recommended P/N 20345-0**T-32R

PART NO.	POS.	A	B	C	D	E	REMARK
20345-#10T-##	10	3.6	6.4	7.2	8.8	5.4	Non Red Phosphorus Free
20345-#10T-##R							Red Phosphorus Free
20345-#15T-##	15	5.6	8.4	9.2	10.8	7.4	Non Red Phosphorus Free
20345-#15T-##R							Red Phosphorus Free
20345-#20T-##	20	7.6	10.4	11.2	12.8	9.4	Non Red Phosphorus Free
20345-#20T-##R							Red Phosphorus Free
20345-#25T-##	25	9.6	12.4	13.2	14.8	11.4	Non Red Phosphorus Free
20345-#25T-##R							Red Phosphorus Free
20345-#30T-##	30	11.6	14.4	15.2	16.8	13.4	Non Red Phosphorus Free
20345-#30T-##R							Red Phosphorus Free
20345-#35T-#2	35	13.6	16.4	17.2	18.8	15.4	Non Red Phosphorus Free
20345-#35T-#2R							Red Phosphorus Free
20345-#40T-##	40	15.6	18.4	19.2	20.8	17.4	Non Red Phosphorus Free
20345-#40T-##R							Red Phosphorus Free

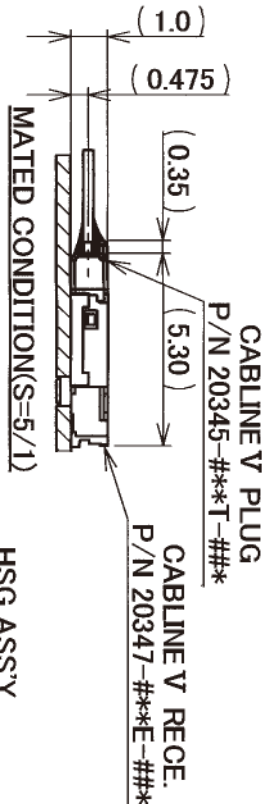
PART No.	TYPE : SHELL A P/N : 2047-###	TYPE : HSG. ASS'Y P/N : 20346-0**T-###	APPLICATION
20345-0**T-#1*	WITH FORMING... LOGO MARK : IPX	WITH GND.	OTHERS
20345-0**T-#2*	WITH FORMING... LOGO MARK : IPX	WITHOUT GND.	OTHERS
20345-1**T-#1*	WITHOUT FORMING... LOGO MARK : IPX C	WITH GND.	When a Common Gnd.Bar is Used.
20345-1**T-#2*	WITHOUT FORMING... LOGO MARK : IPX C	WITHOUT GND.	When a Common Gnd.Bar is Used.

IDENTIFICATION MARK
:WITH LOCK TYPE



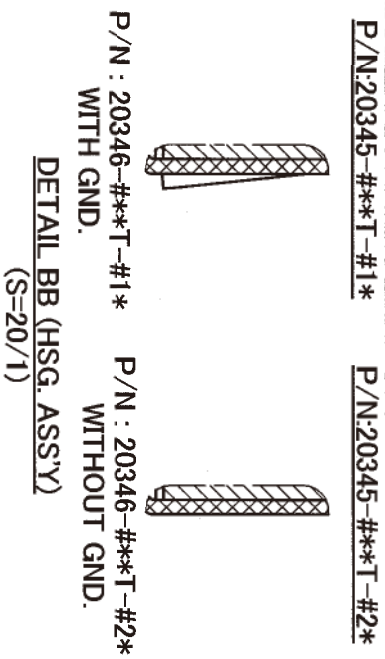
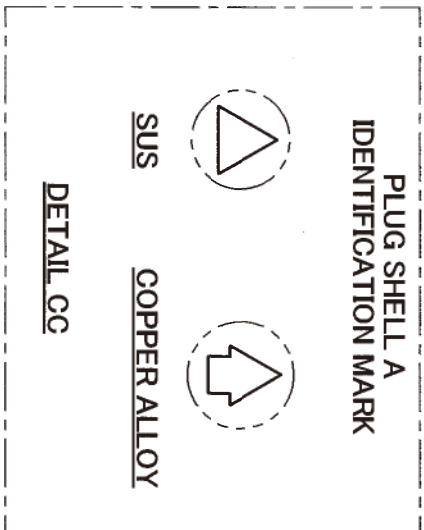
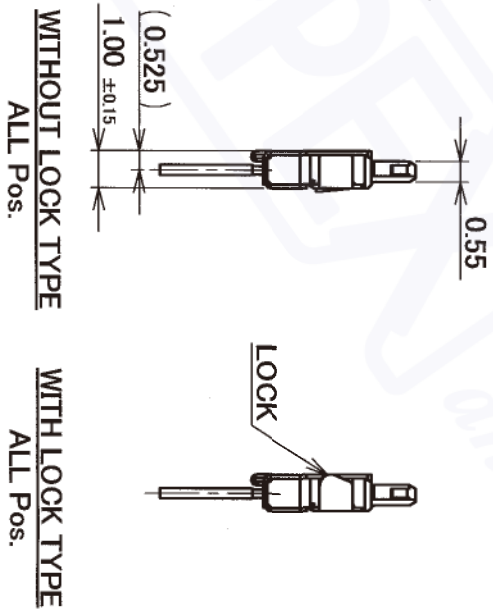
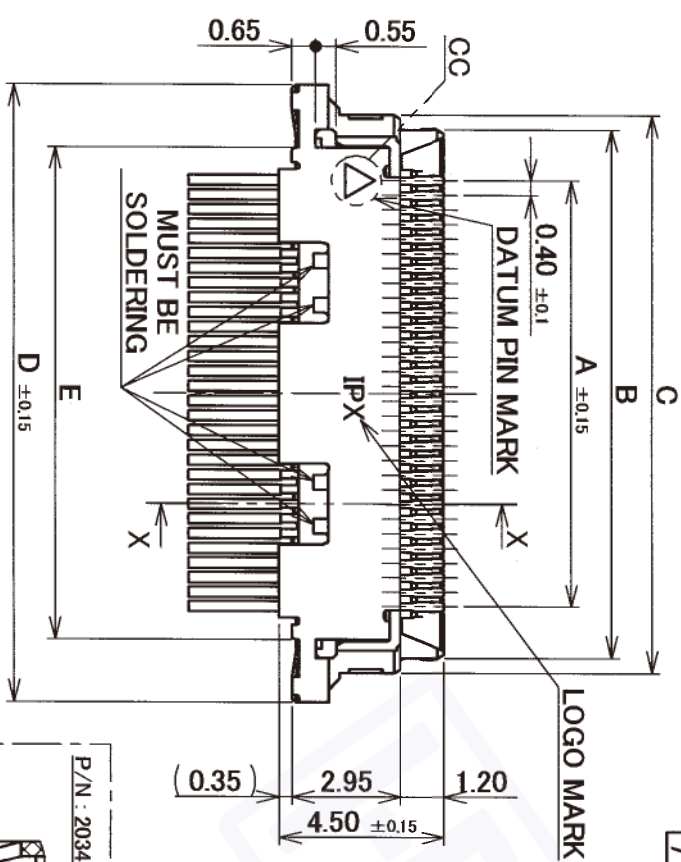
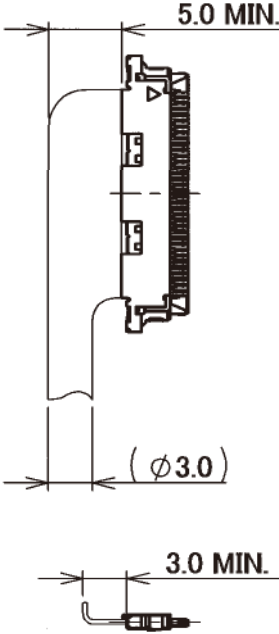
SHELL FINISH	LOCK	PLUG SHELL A MATERIAL
0 Sn-Cu	WITHOUT	SUS
1 Sn	WITHOUT	
2 Sn-Cu	WITH	
3 Sn	WITH	
4 Sn-Cu	WITHOUT	COPPER ALLOY
5 Sn	WITHOUT	
6 Sn-Cu	WITH	
7 Sn	WITH	

HOUSING MATERIAL TYPE
WITHOUT MARK : Non Red Phosphorus Free
R MARK : Red Phosphorus Free



P/N 20345-0**T-###
P/N 20347-###E-###
HSG ASS'Y

- NOTES.
- CONNECTOR TO BE MATED : P/N 20347-###E-###
 - MATERIAL & FINISH
HOUSING : HEAT RESISTING PLASTICS(GF REINFORCED), UL94V-0, BLACK
CONTACT : COPPER ALLOY
Au PLATING
SHELL A : SUS or COPPER ALLOY
Sn-Cu or Sn PLATING
SHELL B : COPPER ALLOY
Sn-Cu or Sn PLATING
 - THE FOLLOWING DIMENSION IS RECOMMENDED
WHEN THE CABLE IS BEND.
 - PRODUCT SPECIFICATION NO. : PRS-1213
 - TO HANDLE THIS CONNECTOR, YOU MUST READ AND FOLLOW THE INSTRUCTION MANUAL BELOW.
 - INSTRUCTION MANUAL NO. : HIM-03005
 - TO ASSEMBLE AND SOLDER THIS CONNECTOR, YOU MUST READ AND FOLLOW THE ASSEMBLY MANUAL BELOW.
 - ASSEMBLY MANUAL NO. : ASM-03002
 - Rohs Compliant



I-PEX DA-ICHI SEIKO CO., LTD.
I-Pex Business Company

TITLE
CABLELINE V
PLUG FOR CABLE ASS'Y



SCALE
5:1
UNIT
mm

DWG. No.
20345

SHEET
1/2
REV.
24

SERIES No.
R10R4

CUSTOMER
COPY



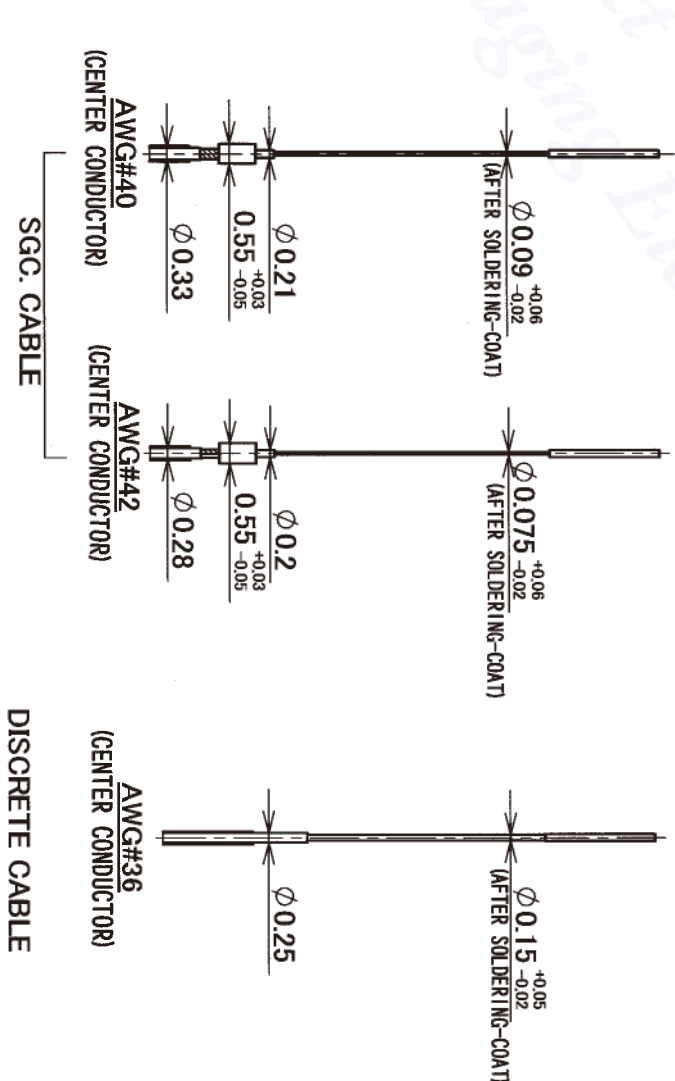
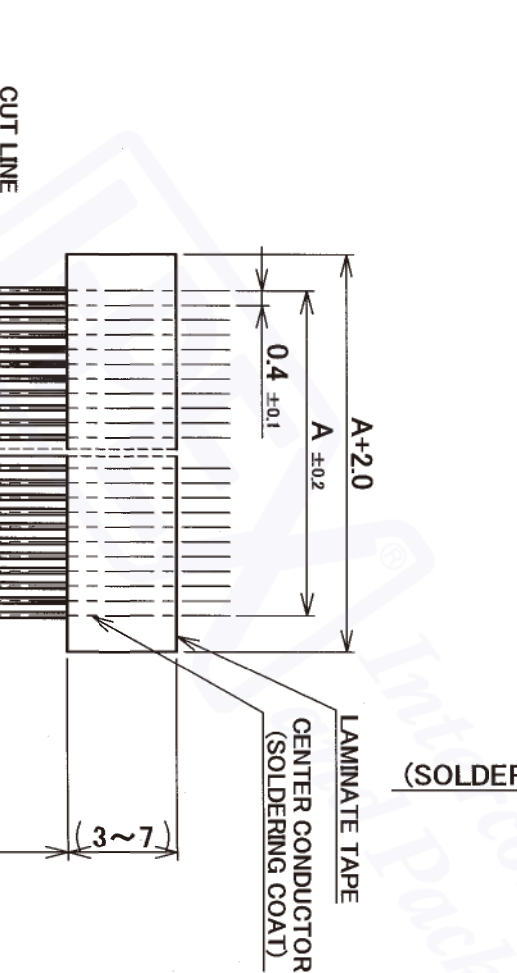
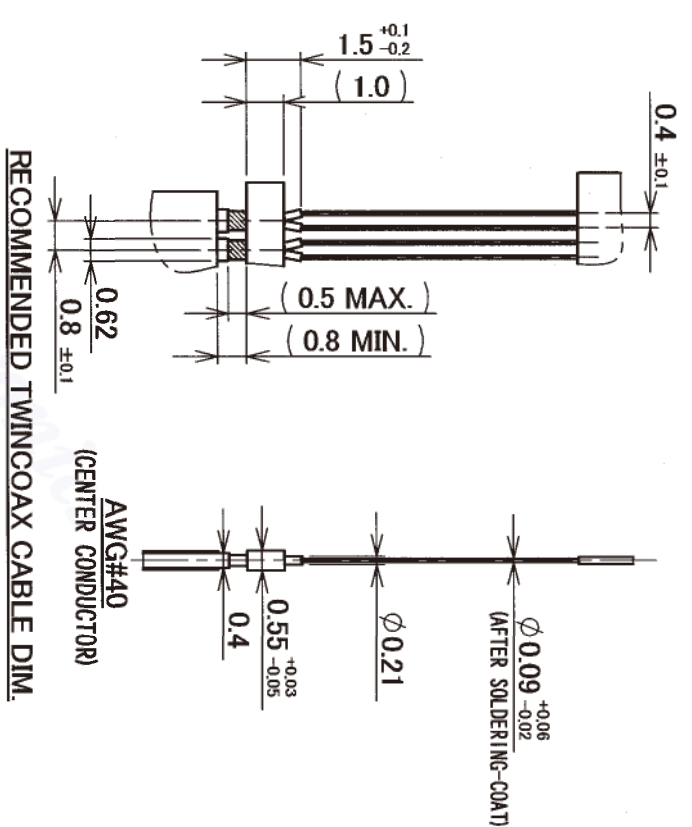
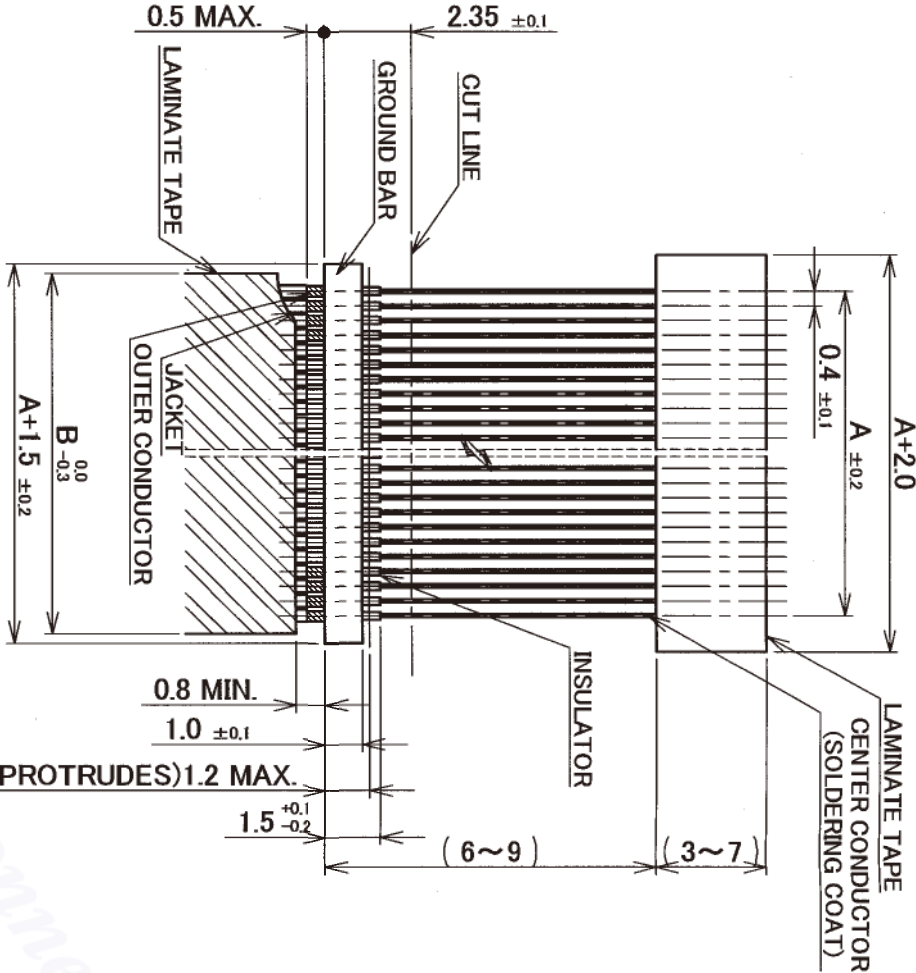
SCALE
5:1
UNIT
mm

DWG. No.
20345

SHEET
1/2
REV.
24

Confidential III C

PART NO.	POS.	A	B
20345-#10T-###	10	3.6	4.6
20345-#15T-###	15	5.6	6.6
20345-#20T-###	20	7.6	8.6
20345-#25T-###	25	9.6	10.6
20345-#30T-###	30	11.6	12.6
20345-#35T-###	35	13.6	14.6
20345-#40T-###	40	15.6	16.6



NOTES
1. THIS CABLE IS A LEAD FREE
CORRESPONDANCE ARTICLE.

I-PEX DA-ICHI SEIKO CO.,LTD.
I-Pex Business Company

GENERAL TOLERANCE		
6 MAX.	±0.2	
6 OVER MAX. 30	±0.3	
30 OVER MAX. 120	±0.5	
ANGLE	±2°	

SERIES No.	R10R4	CUSTOMER COPY	PROJECTION
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TITLE	CABLNE V PLUG FOR CABLE ASS'Y	SCALE	UNIT	DWG. No.	20345	SHEET	REV.
		5:1	mm			2/2	24