

CABLINE®-SS

0.4mm Pitch Right Angle Stacking Type



- Super Slim Micro Coax Connector going through small hinge hole after cabling
- Connector Width : 3.0mm,
Mating Height : 1.85mm (MAX.)
- **W-Point** Contact with High mating reliability
- Soldering connection

【Number of Position】

10p, 14p, 20p, 30p,
32p, 35p, 40p, 50p

【Applicable Cable Size】

Micro Coax	AWG #42 , AWG #40 , AWG #36
DISCRETE	AWG #36 , AWG #34

【Ordering Code】

PLUG Connector Set (for Cable)
Parts Ordering (HOUSING)

20373- R ** T- 06

① ②

20373- R ** T- 06-S

① ②

※ Packaging
Quanta 480pcs

Parts Ordering (METAL COVER)

2182-0 ** - **

① ③

2182-0 ** - 03 -S

① ④

※ Packaging
Quanta 480pcs

RECEPTACLE Connector Set (for PC Board)

20374- R ** E- 31

① ②

20374- R ** E- 31-S

① ②

※ Packaging
Quanta 500pcs

①	POS.	10 :10pos. 14 :14pos. 20 :20pos. 30 :30pos. 32 :32pos. 35 :35pos. 40 :40pos. 50 :50pos.			
②	Packaging	T	Tray		
③	-	03	10pos. 14pos. 20pos. 30pos. 32pos. 35pos.		
		04	40pos. 50pos.		
④	-	03	10pos. 14pos. 20pos. 30pos. 32pos. 35pos. 40pos. 50pos.		

①	POS.	10 :10pos. 14 :14pos. 20 :20pos. 30 :30pos. 32 :32pos. 35 :35pos. 40 :40pos. 50 :50pos.			
②	Packaging	E	Emboss Tape		

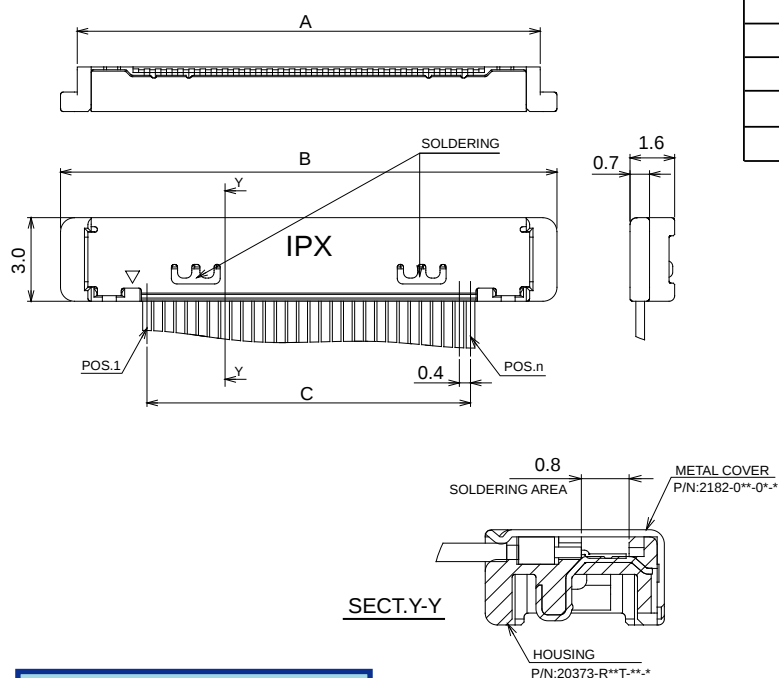
Note : Please inquire for available pin counts.
The P/N is limited pin count only.

【Recommended P/N】

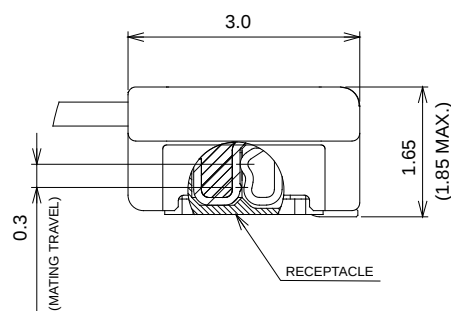
POS.	HOUSING	Metal Cover	PLUG Connector Set	RECEPTACLE
10	20373-R10T-06	2182-010-03	20380-R10T-06	20374-R10E-31
14	20373-R14T-06	2182-014-03	20380-R14T-06	20374-R14E-31
20	20373-R20T-06	2182-020-03	20380-R20T-06	20374-R20E-31
30	20373-R30T-06	2182-030-03	20380-R30T-06	20374-R30E-31
32	20373-R32T-06	2182-032-03	20380-R32T-06	20374-R32E-31
35	20373-R35T-06	2182-035-03	20380-R35T-06	20374-R35E-31
40	20373-R40T-06	2182-040-04	20380-R40T-16	20374-R40E-31
50	20373-R50T-06	2182-050-04	20380-R50T-16	20374-R50E-31

PLUG

Set P/N: 20380-R**T-06-*



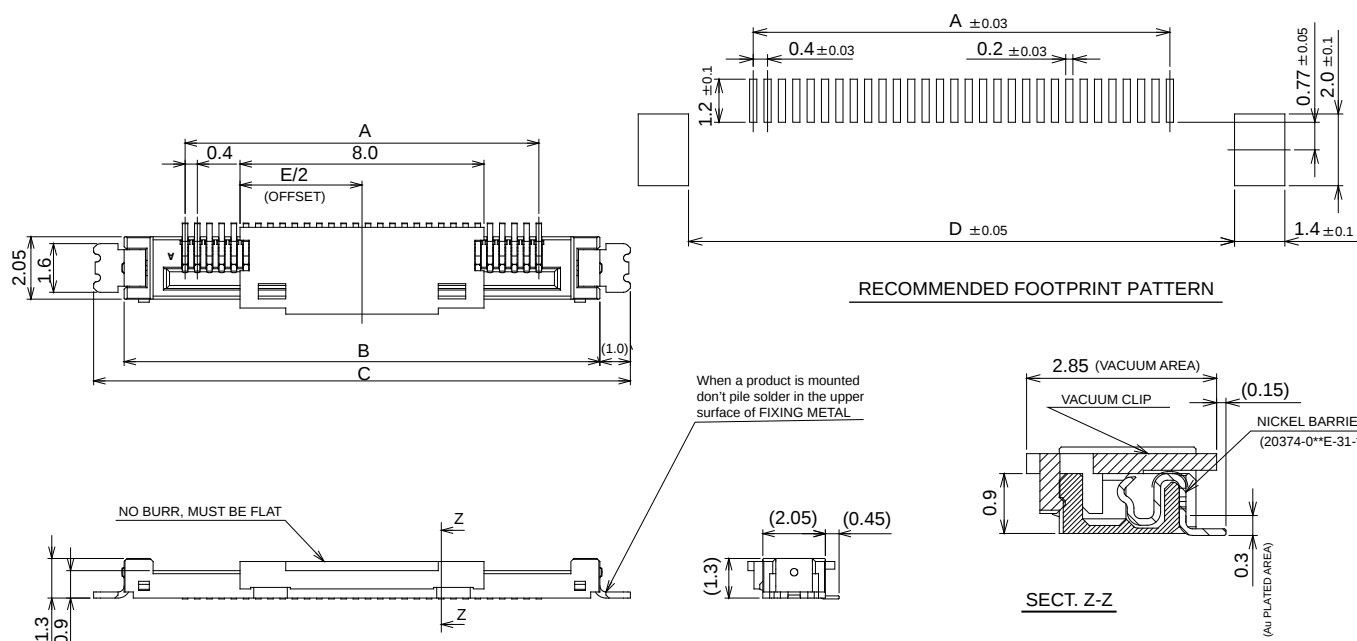
POS.	PART NO.	A	B	C
10p	20380-R10T-06-*	8.6	9.8	3.6
14p	20380-R14T-06-*	10.2	11.4	5.2
20p	20380-R20T-06-*	12.6	13.8	7.6
30p	20380-R30T-06-*	16.6	17.8	11.6
32p	20380-R32T-06-*	17.4	18.6	12.4
35p	20380-R35T-06-*	18.6	19.8	13.6
40p	20380-R40T-16-*	20.6	21.8	15.6
50p	20380-R50T-16-*	24.6	25.8	19.6



MATED VIEW

RECEPTACLE

POS.	PART NO.	A	B	C	D	E
10p	20374-R10E-31-*	3.6	7.6	9.6	7.2	5.5
14p	20374-R14E-31-*	5.2	9.2	11.2	8.8	5.5
20p	20374-R20E-31-*	7.6	11.6	13.6	11.2	8.0
30p	20374-R30E-31-*	11.6	15.6	17.6	15.2	8.0
32p	20374-R32E-31-*	12.4	16.4	18.4	16.0	8.0
35p	20374-R35E-31-*	13.6	17.6	19.6	17.2	8.0
40p	20374-R40E-31-*	15.6	19.6	21.6	19.2	8.0
50p	20374-R50E-31-*	19.6	23.6	25.6	23.2	8.0



RECOMMENDED FOOTPRINT PATTERN

SECT. Z-Z

P/N	CABLE	PLUG HOUSING ASSY : 20373-***T-0*-* METAL COVER : 2182-0**-0**									
		10P	14P	20P	30P	32P	35P	40P	50P		
20380-***T	SGC AWG#42		20373-014T-00 2182-014-00	20373-*20T-00 2182-020-00	20373-*30T-00 2182-030-00	20373-*32T-00 2182-032-00	20373-*35T-00 2182-035-00	20373-040T-01 2182-040-00	20373-050T-00 2182-050-00		
20380-***T-02	SGC AWG#42						20373-*35T-00 2182-035-02	20373-040T-01 2182-040-02			
20380-***T-03	SGC AWG#40, #36 DISCRETE AWG#36	20373-*10T-03 2182-010-03*	20373-*14T-03 2182-014-03*	20373-*20T-03 2182-020-03*	20373-*30T-0* 2182-030-03*			20373-*40T-03 2182-040-03*	20373-*50T-03 2182-050-03*		
20380-***T-13								20373-*40T-03 2182-040-04	20373-*50T-03 2182-050-04		
20380-R**T-06	SGC AWG#40, #36	20373-R10T-06-* 2182-010-03*	20373-R14T-06-* 2182-014-03*	20373-R20T-06-* 2182-020-03*	20373-R30T-06-* 2182-030-03*	20373-R32T-06-* 2182-032-03*	20373-R35T-06-* 2182-035-03*	20373-R40T-06-* 2182-040-03*	20373-R50T-06-* 2182-050-03*		
20380-R**T-16	DISCRETE AWG#36, #34							20373-R40T-06-* 2182-040-04	20373-R50T-06-* 2182-050-04		

THE COMPOSITION OF PART No.
PART No. 20380-***T-**

- NOTING : [NOMAL TYPE]
METAL COVER FINISH : Sn REFLOW
MATING RECEPTACLE Part No. : 20374-0**E-**(EXCLUDE 20374-0**E-4*) (**:POS)
- 02 : [METAL COVER Au TYPE]
METAL COVER FINISH : Au OVER Ni
MATING RECEPTACLE Part No. : 20374-0**E-4* (**:POS)
- 03,13 : [CENTER CONDUCTOR #36/#40TYPE]
METAL COVER FINISH : Sn REFLOW
MATING RECEPTACLE Part No. : 20374-0**E-** or 20374-R**E-** (EXCLUDE 20374-0**E-4*) (**:POS)
- 06,16 : [CENTER CONDUCTOR #34/#36/#40TYPE]
METAL COVER FINISH : Sn REFLOW
MATING RECEPTACLE Part No. : 20374-***E-** (EXCLUDE 20374-0**E-4*) (**:POS)
- Pos. 10:10P 14:14P 20:20P 30:30P 32:32P 35:35P 40:40P 50:50P
- HOUSING MATERIAL
0 : LCP, UL94V-0, BLACK
PLUG HOUSING ASSEMBLY Part No. : 20373-0**T-00 or 20373-040T-01 or 20373-0**T-03 (**:POS)
R : LCP, UL94V-0, BLACK (RED PHOSPHORUS IS NOT USED)
PLUG HOUSING ASSEMBLY Part No. : 20373-R**T-00 or 20373-R**T-03 or 20373-R**T-06-* (**:POS)

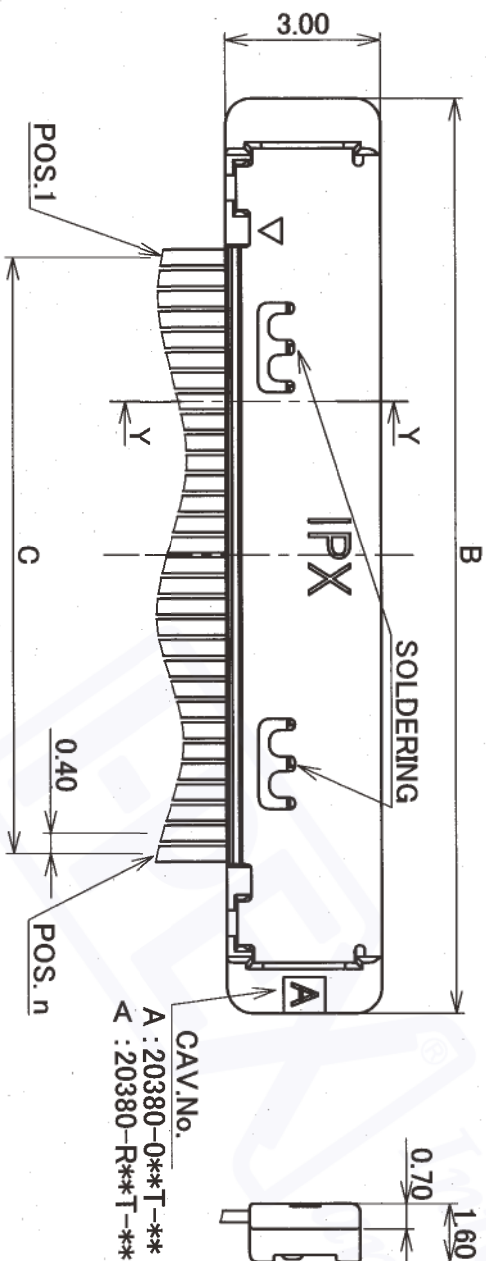
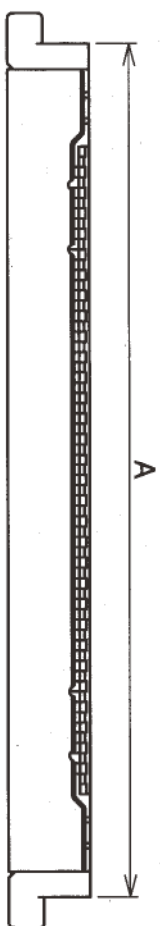
GENERAL TOLERANCE	
6 MAX.	±0.2
6 OVER MAX. 30	±0.3
30 OVER MAX. 120	±0.5
ANGLE	±2°

CUSTOMER	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
COPY		7:1	mm	20380	1/3	18

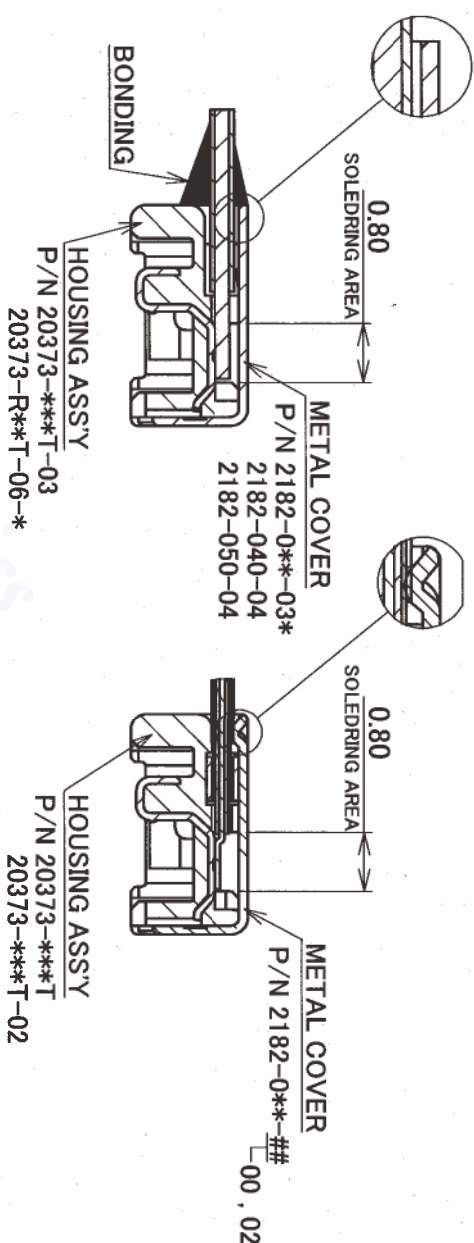
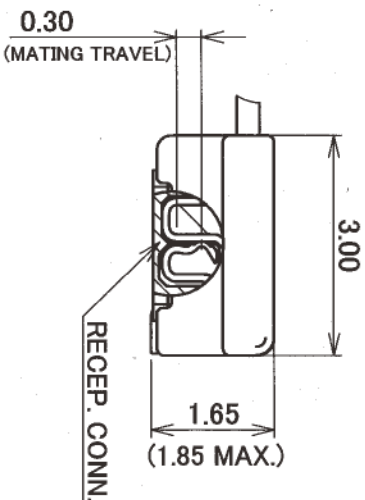
I-PEXDAI-ICHI SEIKO CO.,LTD.
I-PEX Business Company

CABLE-SS PLUG FOR CABLE ASS'Y

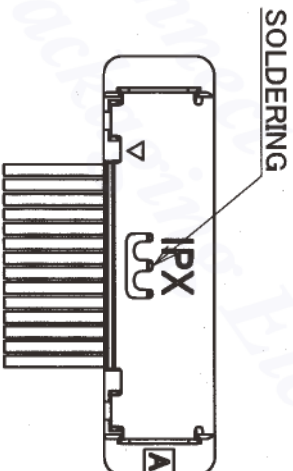
PART NO.	POS.	MATING RECP. P/N	A	B	C
20380-*10T-**-**	10	20374-*10E-**-**	8.6	9.8	3.6
20380-*14T-**-**	14	20374-*14E-**-**	10.2	11.4	5.2
20380-*20T-**-**	20	20374-*20E-**-**	12.6	13.8	7.6
20380-*30T-**-**	30	20374-*30E-**-**	16.6	17.8	11.6
20380-*32T-**-**	32	20374-*32E-**-**	17.4	18.6	12.4
20380-*35T-**-**	35	20374-*35E-**-**	18.6	19.8	13.6
20380-*40T-**-**	40	20374-*40E-**-**	20.6	21.8	15.6
20380-*50T-**-**	50	20374-*50E-**-**	24.6	25.8	19.6



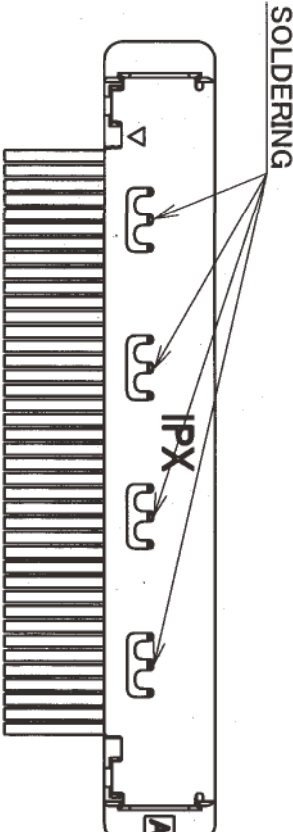
CAV.No.
A : 20380-0**T-**-**
A : 20380-R**T-**-**



SECT.Y-Y (S=10/1)



SHAPE OF 10P/14P/20P



SHAPE OF 20380-***T-13, 20380-***T-16

- NOTES.
- 1.MATERIAL & FINISH
-PLUG HOUSING : LCP UL94V-0
-PLUG CONTACT : COPPER ALLOY, Au OVER Ni
-METAL COVER : COPPER ALLOY, Sn REFLOW OR Au OVER Ni
2.THE CABLE MUST NOT HOLD WHEN UN-MATING A CONNECTOR.
3.IT IS THE THING OF THE REFERENCE OF REPORT NO. ASM-04001 ABOUT PULSE HEAT SOLDERING OF CENTER CONDUCTOR.
4.IT IS THE THING OF THE REFERENCE OF REPORT NO. ASM-04001 ABOUT THE SOLDERING WORK OF METAL COVER AND GROUND BAR.

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

TITLE
CABLE-SS PLUG FOR CABLE ASS'Y

CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
		7:1	mm	20380	2/3	18

GENERAL TOLERANCE

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

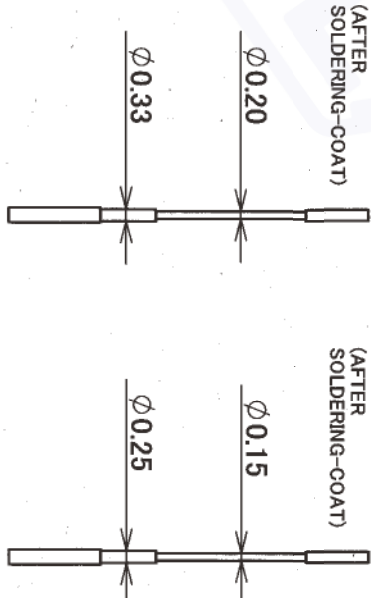
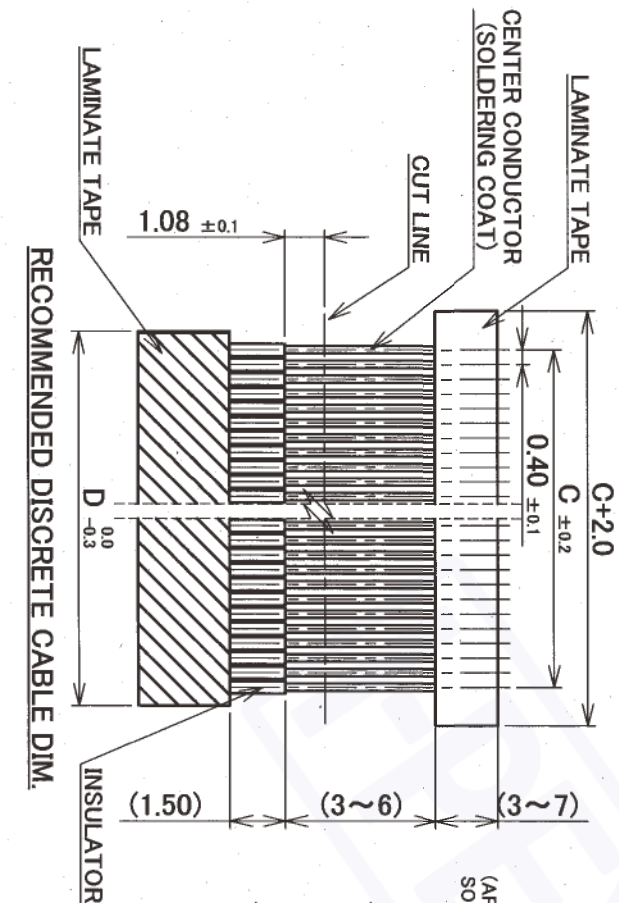
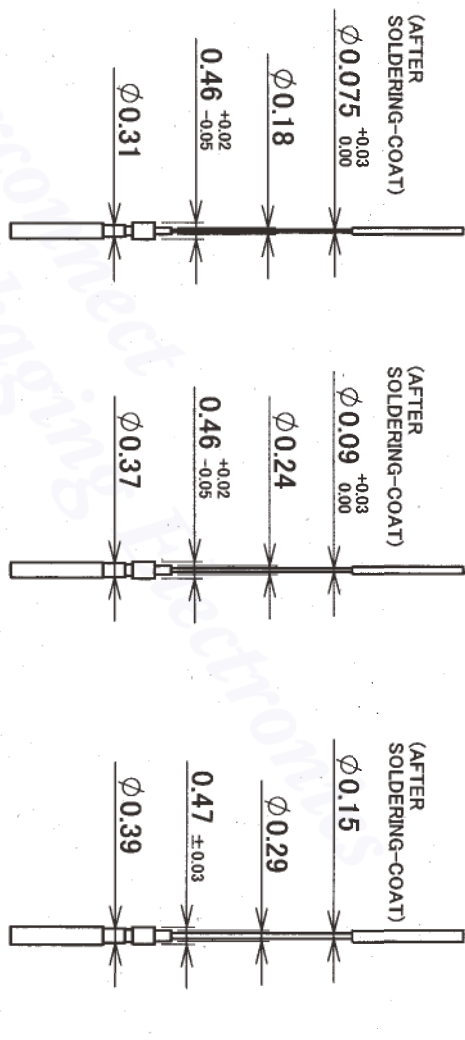
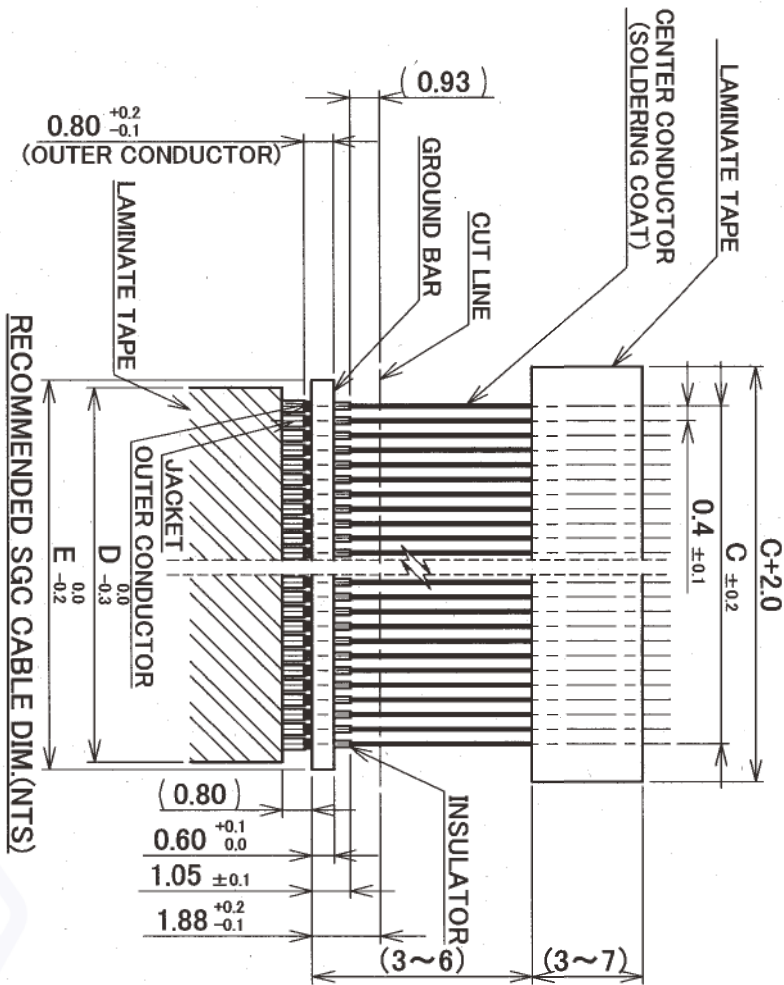
Confidential III C

Recommended P/N

20380-R**T-06

20380-R**T-16 (40P / 50P)

PART NO.	POS.	MATING RECP. P/N	C	D	E
20380-*10T-**-	10	20374-*10E-**-	3.6	4.6	5.0
20380-*14T-**-	14	20374-*14E-**-	5.2	6.2	6.6
20380-*20T-**-	20	20374-*20E-**-	7.6	8.6	9.0
20380-*30T-**-	30	20374-*30E-**-	11.6	12.6	13.0
20380-*32T-**-	32	20374-*32E-**-	12.4	13.4	13.8
20380-*35T-**-	35	20374-*35E-**-	13.6	14.6	15.0
20380-*40T-**-	40	20374-*40E-**-	15.6	16.6	17.0
20380-*50T-**-	50	20374-*50E-**-	19.6	20.6	21.0



AWG #34
(CENTER CONDUCTOR)
DISCRETE CABLE
(20380-R**T-*6 ONLY)

AWG #36
(CENTER CONDUCTOR)
DISCRETE CABLE
(20380-***T-*3 or 20380-R**T-*6)

GENERAL TOLERANCE

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

Confidential III C

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

TITLE
CABLINE-SS PLUG FOR CABLE ASS'Y

CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
		5:1	mm	20380	3/3	18