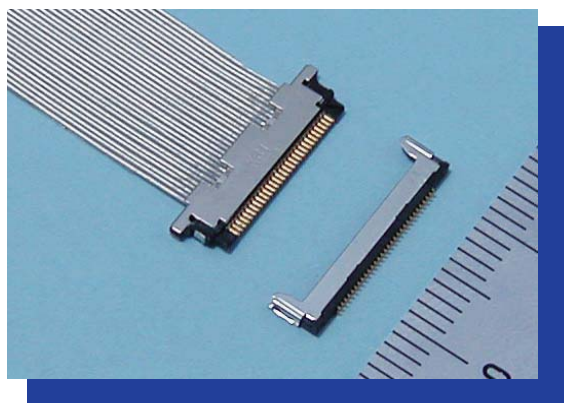




- Ultra low profile : 1.0mm maximum of mating height
- Mating depth : 5.65mm,
Connector width : 16.8mm (30p)
- Impedance matching and EMI performance with METAL SHELL
- Stable mating with housing lock mechanism.
- Soldering connection

【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

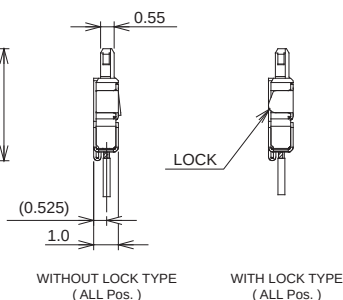
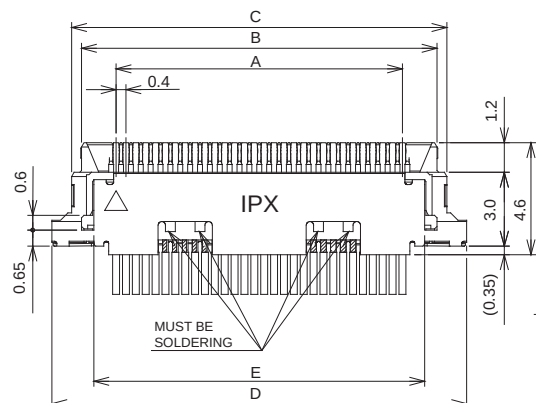
【Recommended P/N】

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

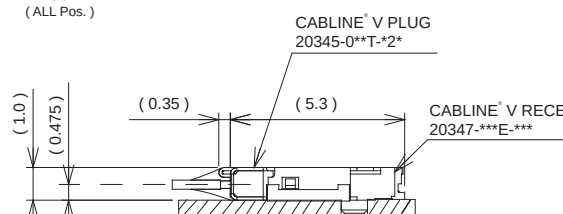
Set P/N : 20345-0**T-*2*

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

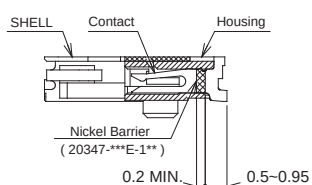
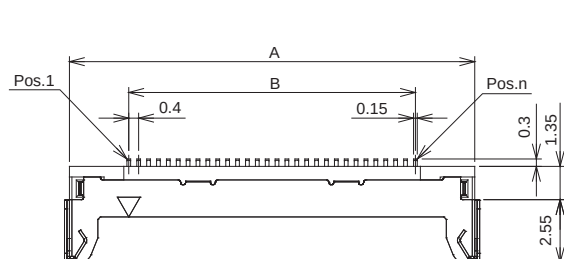
HOUSING	LCP UL94V-0	BLACK
CONTACT	COPPER ALLOY	Au
SHELL A	STAINLESS STEEL	Sn
SHELL B	COPPER ALLOY	Sn



MATED VIEW

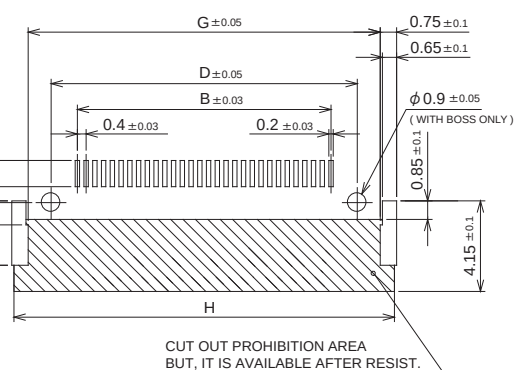
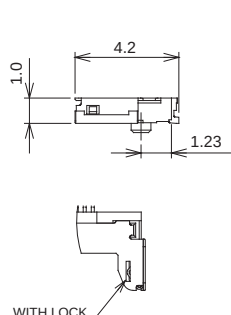
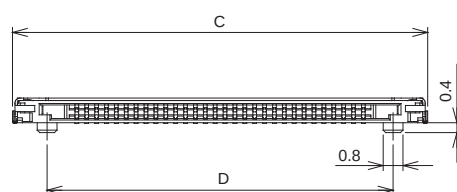
RECEPTACLE

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

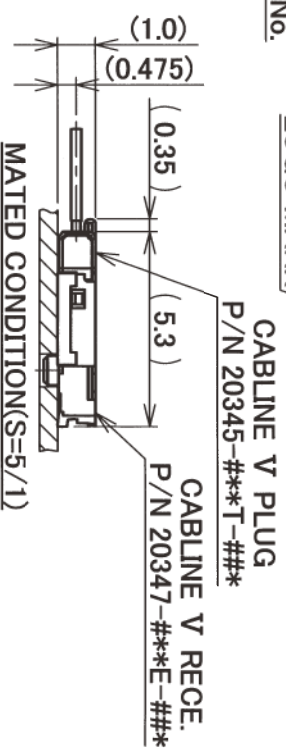
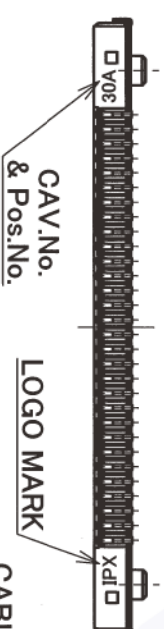
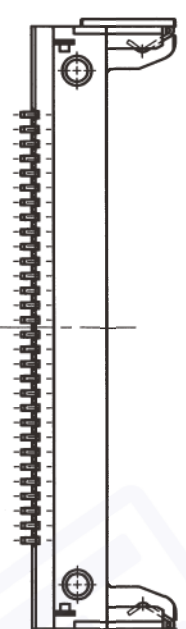
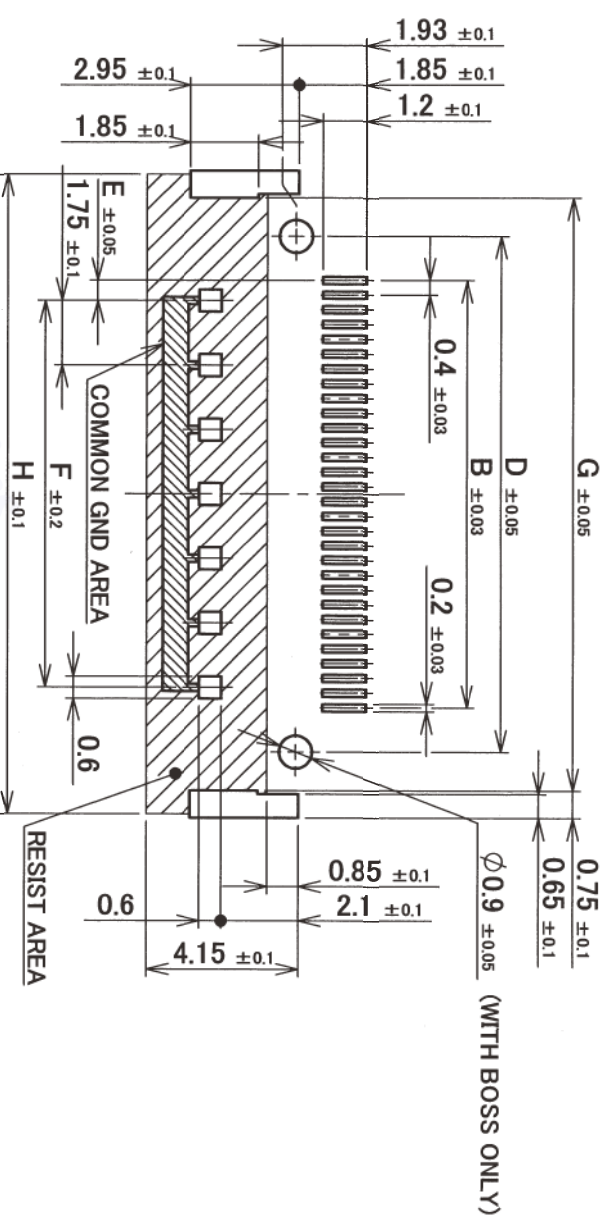
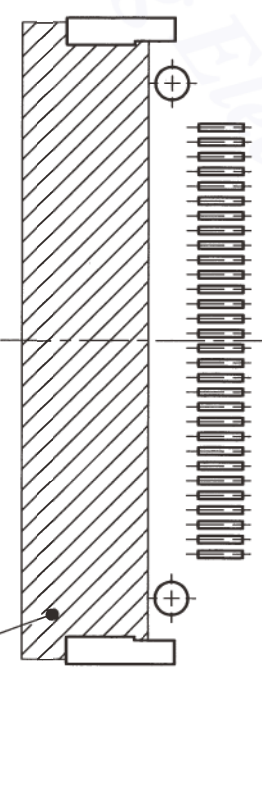
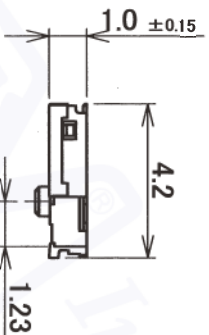
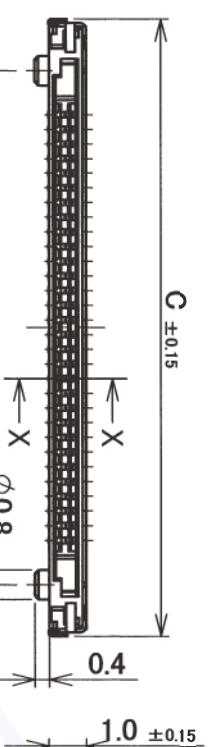
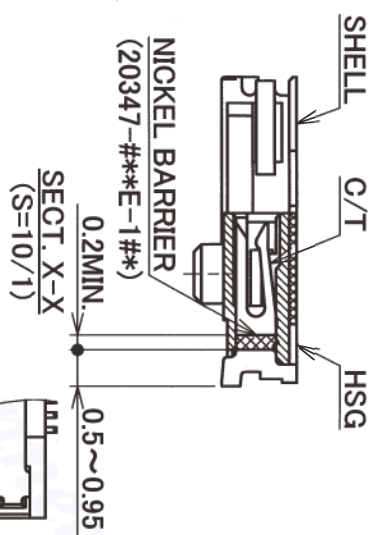
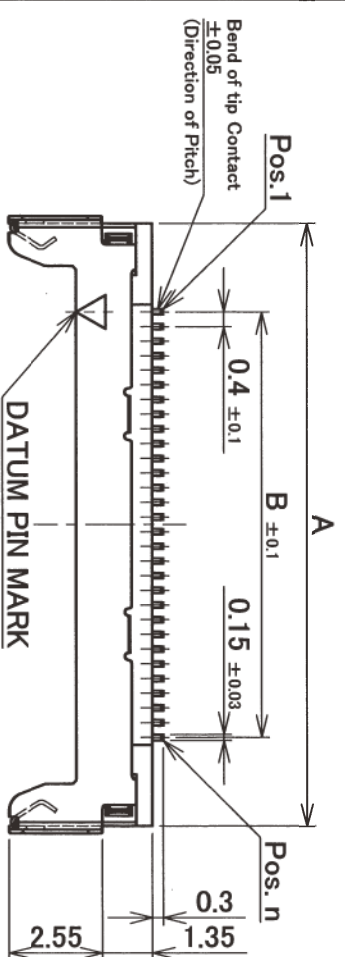
HOUSING	LCP UL94V-0	BLACK
CONTACT	COPPER ALLOY	Au
SHELL	COPPER ALLOY	Sn



RECOMMENDED PATTERN LAYOUT

20347-3**E-12R

PART NO.		POS.	A	B	C	D	E	F	G	H	REMARK
20347-#10E-##		10	8.4	3.6	8.8	6.0	0.925	1.75	8.1	9.4	Non Red Phosphorus Free
20347-#10E-##R											Red Phosphorus Free
20347-#15E-##											Non Red Phosphorus Free
20347-#15E-##R		15	10.4	5.6	10.8	8.0	1.05	3.5	10.1	11.4	Red Phosphorus Free
20347-#20E-##											Non Red Phosphorus Free
20347-#20E-##R											Red Phosphorus Free
20347-#25E-##		20	12.4	7.6	12.8	10.0	1.175	5.25	12.1	13.4	Non Red Phosphorus Free
20347-#25E-##R											Red Phosphorus Free
20347-#25E-##R											Non Red Phosphorus Free
20347-#25E-##R		25	14.4	9.6	14.8	12.0	1.3	7.0	14.1	15.4	Red Phosphorus Free
20347-#30E-##											Non Red Phosphorus Free
20347-#30E-##R											Red Phosphorus Free
20347-#30E-##R		30	16.4	11.6	16.8	14.0	0.55	10.5	16.1	17.4	Red Phosphorus Free
20347-#35E-##											Non Red Phosphorus Free
20347-#35E-##R											Red Phosphorus Free
20347-#35E-##R		35	18.4	13.6	18.8	16.0	0.675	12.25	18.1	19.4	Red Phosphorus Free
20347-#40E-##											Non Red Phosphorus Free
20347-#40E-##R											Red Phosphorus Free
20347-#40E-##R		40	20.4	15.6	20.8	18.0	0.8	14.0	20.1	21.4	Red Phosphorus Free
											Non Red Phosphorus Free
											Red Phosphorus Free



HOUSING MATERIAL TYPE	
WITHOUT MARK : Non Red Phosphor	
R MARK : Red Phosphorus	
1 : WITH BOSS	
2 : WITHOUT BOSS	
C/T FINISH	0 : ALL Au
Pos.	1 : Ni Barrier(ALL Au)
SHELL FINISH	LOCK
0 Sn-Cu	WITHOUT
1 Sn	
2 Sn-Cu	WITH
3 Sn	

NOTES.

1.CONNECTOR TO BE MATED : P/N 20345-***T-***

2.MATERIAL & FINISH

HOUSING : HEAT RESISTING PLASTICS(GF REINFORCED)

UL94V-0, BLACK

CONTACT : COPPER ALLOY

Au PLATING

SHELL : COPPER ALLOY

Sn-Cu or Sn PLATING

3.COPLANARITY : 0.1 MAX.

4.Product specification No. : PRS-1213

Instruction manual No. : HIM-03005

5.RoHS Compliant

6.Halogen Free

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

SERIES No.	R7	CUSTOMER COPY	PROJECTION	SCALE	UNIT	DWG. No.	SHEET	REV.
				5:1	mm	20347	1/1	29

Confidential III C

QKE-DFDE06-02 REV.