Recommended P/N	20856-0**T-01

PART No.	A	B	C
20856-030T-01	17.40	14.66	18.95
20856-040T-01	21.40	18.66	22.95
20856-050T-01	25.40	22.66	26.95

Halogen Free

RoHS Compliant

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
3	COVER	PHOSPHOR BRONZE	Ni PLATING
2	LOCK BAR	STAINLESS STEEL	–
1	SHELL	PHOSPHOR BRONZE	PARTIAL Au 0.003 μm MIN. OVER Ni 1.00 μm MIN.

REV.	ECN	BY	DATE	APP.
12	Z230464	T.O	Apr./21/'23	H.I
11	Z230350	T.O	Mar./27/'23	H.I
10	Z220750	T.O	July/01/'22	H.I
9	Z201289	M.M	Dec./16/'20	Y.S
8	Z181504	Y.Sasa	Nov./19/'18	H.I
7	Z181228	Y.Sasa	Sept./20/'18	H.I

REVISION RECORD

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

GENERAL TOLERANCE.

DWG. Y.Sasa DATE 2017/10/03

CHK. T.Masunaga

APP. H.Ikari

PROJECTION

SERIES No. R3

CUSTOMER COPY

TITLE CABLINE® -CA IIF SHELL ASS'Y

SCALE 5:1

UNIT mm

I-PEX

DWG. No. 20856

SIZE A3 | SHEET 1/6 | REV. 12

Recommended P/N	20856-0**T-01

PART No.	A	B	C	D	E
20856-030T-01	17.40	14.66	18.95	12.60	12.40
20856-040T-01	21.40	18.66	22.95	16.60	16.40
20856-050T-01	25.40	22.66	26.95	20.60	20.40

FPC ASS'Y STATE COVER CLOSE

Halogen Free

RoHS Compliant

MATING CONDITION

DETAIL Z
(S=20/1)

NOTES.
1.Soldering Area X is recommended dimension.
It does not mater if it might be exceed the recommended dimension.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3	
GENERAL TOLERANCE.				TITLE	SCALE	
DWG.		DATE		CABLINE® -CA IIF SHELL ASS'Y	5:1	I-PEX
CHK.					UNIT mm	
APP.				DWG. No. 20856	SIZE A3 / SHEET 2/6	REV. 12

Recommended P/N	20856-0**T-01		
PART No.	B	E	F
20856-030T-01	14.66	12.40	11.60
20856-040T-01	18.66	16.40	15.60
20856-050T-01	22.66	20.40	19.60

FPC ASS'Y STATE COVER OPEN

Halogen Free

RoHS Compliant

RECEPTACLE ASS'Y(P/N:20682-0**E-0#)

MATING CONDITION

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3	
GENERAL TOLERANCE.				TITLE	SCALE	
DWG.		DATE		CABLINE® -CA IIF SHELL ASS'Y	5:1	I-PEX
CHK.					UNIT mm	
APP.				DWG. No. 20856	SIZE A3 / SHEET 3/6	REV. 12

ITEMS	SPECIFICATION
RATING VOLTAGE	100V AC (PER CONTACT PIN)
RATING AMPERAGE (FOR SIGNAL CONTACT)	0.3A AC/DC (PER CONTACT PIN)
OPERATING TEMPERATURE	233～358K(-40℃～+85℃)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE (FOR SIGNAL CONTACT)	INITIAL : 60mohm MAX. / AFTER TEST : ⊿40mohm MAX.
GROUND SHELL RESISTANCE	INITIAL : 60mohm MAX. / AFTER TEST : ⊿40mohm MAX.
INSULATION RESISTANCE	INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	30 CYCLES
MATING FORCE (INITIAL / AFTER TEST)	30P : 13.5N MAX. 40P : 18.0N MAX. 50P : 22.5N MAX.
UNMATING FORCE (INITIAL / AFTER TEST)	30P : 1.44N MIN. 40P : 1.92N MIN. 50P : 2.40N MIN.
PRODUCT SPECIFICATION	PRS-2418
TEST REPORT	TR-17079
PACKING STANDARD	PST-17104
INSTRUCTION MANUAL	HIM-17029
ASSEMBLY MANUAL	ASM-17006
APPEARANCE CRITERIA No.	QLS-A***

ANGLE ±2°	6 OVER 30 MAX. ±0.3	PROJECTION	SERIES No.	CUSTOMER COPY		
6 MAX. ±0.2	30 OVER 120 MAX. ±0.5		R3			
GENERAL TOLERANCE.		TITLE		SCALE		
DWG.	DATE	CABLINE® -CA IIF SHELL ASS'Y		UNIT mm	I-PEX	
CHK.						
APP.		DWG. No. 20856		SIZE A3	SHEET 4/6	REV. 12

PART No.	D	E	F	G
20856-030T-01	12.60	12.40	11.60	13.66
20856-040T-01	16.60	16.40	15.60	17.66
20856-050T-01	20.60	20.40	19.60	21.66

DETAIL A
(S=20 : 1)

SECT B-B
(S= 30 : 1)

NOTES.

1. No.1, 3, 7, 9 : CONDUCTOR (GROUND) ARE CARRYING OUT THE ELECTRICAL CONNECTION.
2. No.5 : SIGNAL Pos. AND No.1, 3, 7, 9 : CONDUCTOR (GROUND) ARE NOT CONTACTING.
3. No.5 : GROUND Pos. AND No.1, 3, 7, 9 : CONDUCTOR (GROUND) ARE CARRYING OUT THE ELECTRICAL CONNECTION.
4. ADHESIVE SHOULD USE THERMOSETTING.
5. NUMBERS WITHIN PARENTHESES ARE ARBITRARY DIMENSIONS. CHANGE DIMENSIONS IN ACCORDANCE WITH CHARACTERISTIC IMPEDANCE VALUE.

No.	DESCRIPTION	MATERIAL	PLATING
1	CONDUCTOR(GROUND)	Cu	Ni , Au
2	INSULATOR	–	–
3	CONDUCTOR(GROUND)	Cu	–
4	INSULATOR	–	–
5	CONDUCTOR(SIGNAL, GROUND)	Cu	Ni , Au
6	INSULATOR	–	–
7	CONDUCTOR(GROUND)	Cu	–
8	CONDUCTIVE ADHESIVE	–	–
9	REINFORCING TAPE & CONDUCTOR(GROUND)	SUS	Ni
10	INSULATOR	–	–

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 CABLINE® -CA IIF SHELL ASS'Y	SCALE 5:1	I-PEX	
DWG.	DATE		UNIT mm		
CHK.					
APP.		DWG. No. 20856	SIZE A3	SHEET 5/6	REV. 12

PART NO.	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)
20856-030T-01	1	100	20 / S CARTON =2000	4 / P CARTON = 8000
20856-040T-01	1	100	20 / S CARTON =2000	4 / P CARTON = 8000
20856-050T-01	1	100	20 / S CARTON =2000	4 / P CARTON = 8000

SECT.X-X
(S=2/1)

SECT.Y-Y
(S=2/1)

NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
1	TRAY	PP	ANTI-STATIC TYPE

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3	
GENERAL TOLERANCE.				TITLE	SCALE	
DWG.		DATE		CABLINE® -CA IIF SHELL ASS'Y	1:2	I-PEX
CHK.					UNIT mm	
APP.				DWG. No. 20856	SIZE A3 / SHEET 6/6	REV. 12