

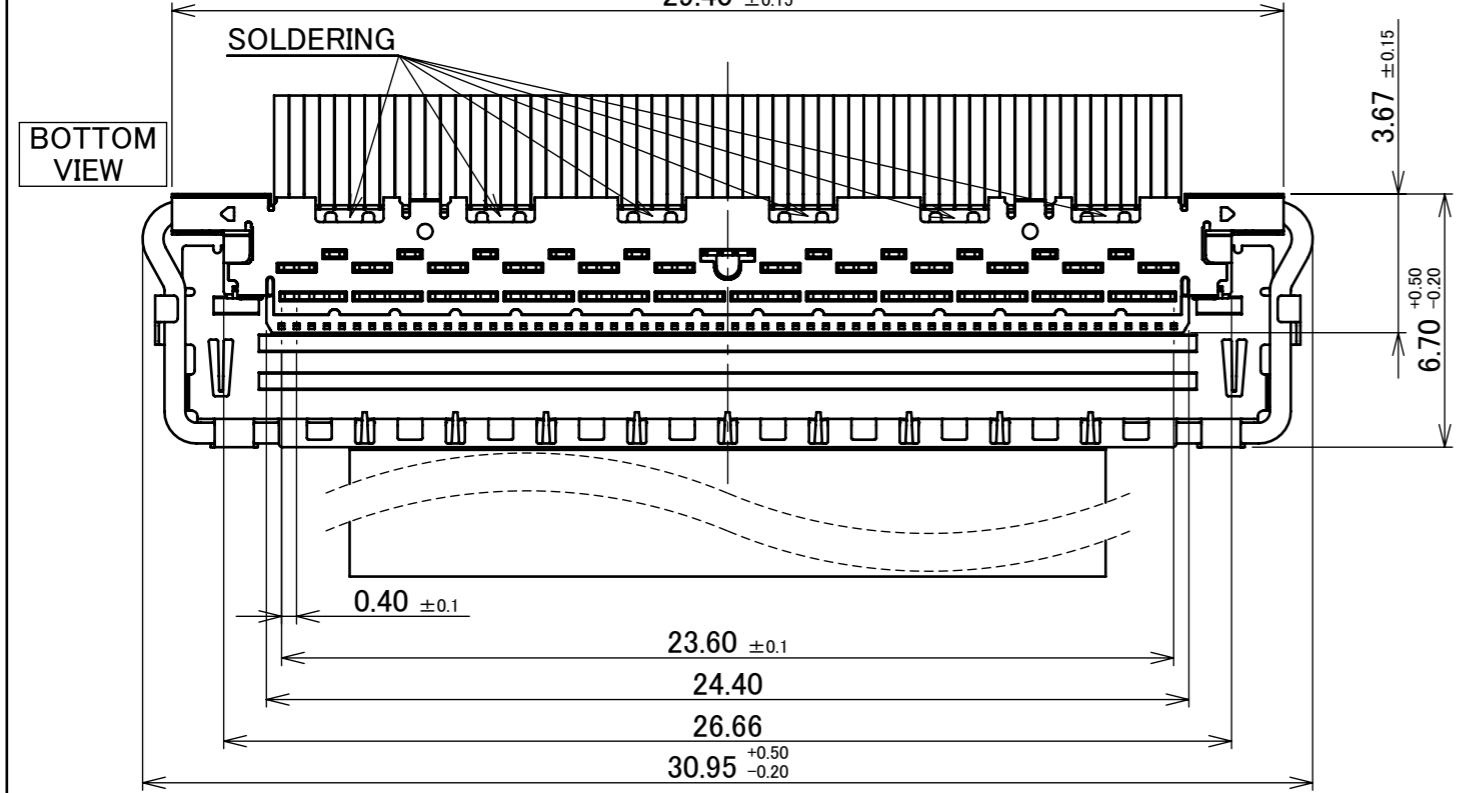
Recommended P/N 20788-0**T-01

| | |
|---------------|------|
| PART NO. | Pos. |
| 20788-060T-0# | 60 |



Halogen Free

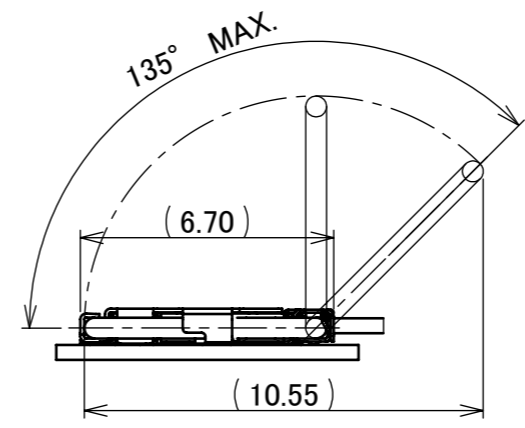
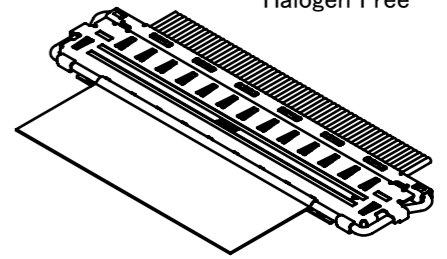
RoHS Compliant



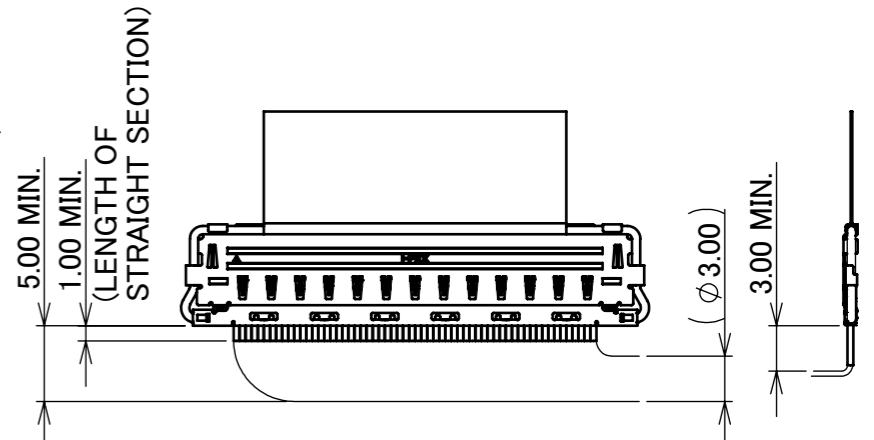
P/N : 20788-0 ** T-0 #

- 1 : WITHOUT PULL TAPE
- 2 : WITH PULL TAPE

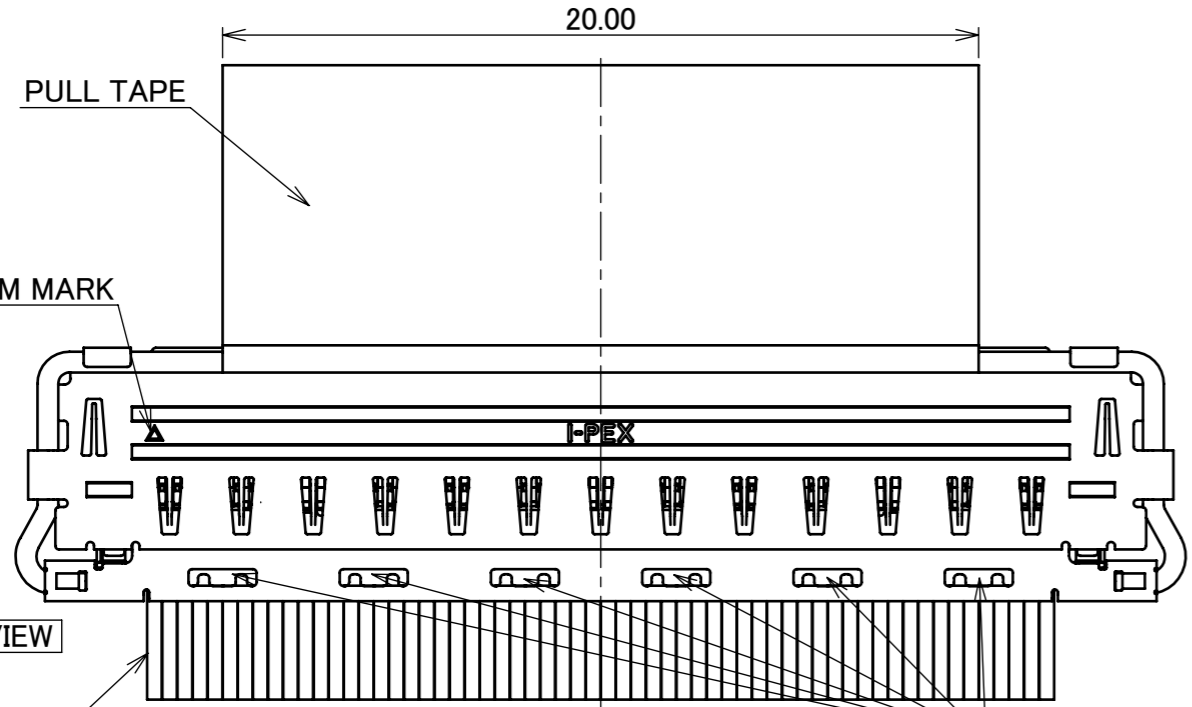
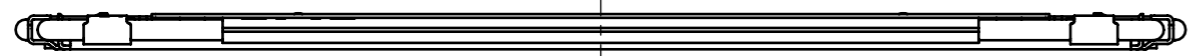
Pos.



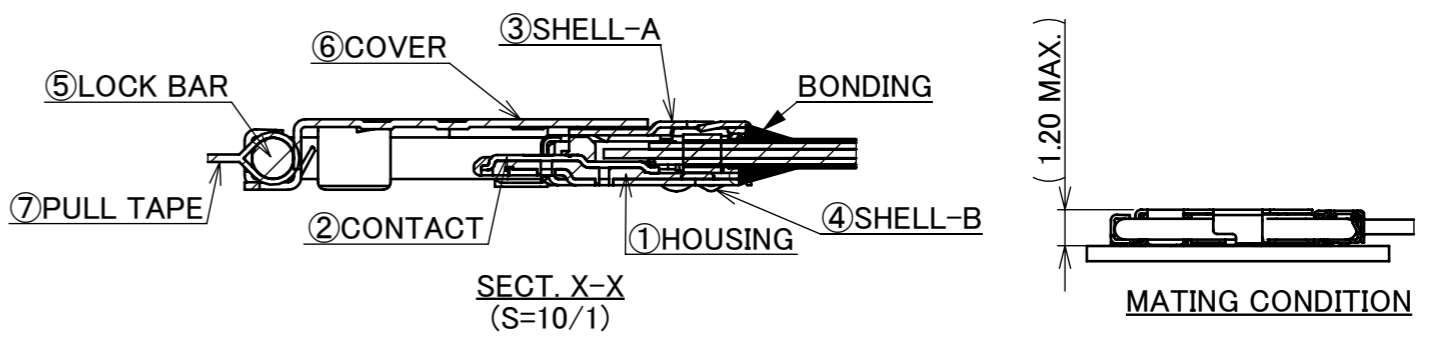
LOCK BAR MOVEMENTS



RECOMMENDED CABLE BENDING DIMENSIONS



TOP VIEW



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

MATING CONDITION

| NO. | DISCRIPTION | MATERIAL | FINISH , REMARKS |
|-----|-------------|-----------------|--|
| 7 | PULL TAPE | POLYESTER FILM | - |
| 6 | COVER | PHOSPHOR BRONZE | ALL OVER Ni 1.00 μ m MIN. |
| 5 | LOCK BAR | SUS φ0.55 | - |
| 4 | SHELL-B | PHOSPHOR BRONZE | PARTIAL Au 0.003 μ m MIN. OVER Ni 1.00 μ m MIN. |
| 3 | SHELL-A | PHOSPHOR BRONZE | PARTIAL Au 0.003 μ m MIN. OVER Ni 1.00 μ m MIN. |
| 2 | CONTACT | PHOSPHOR BRONZE | ALL OVER Ni 1.00 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN. |
| 1 | HOUSING | LCP | UL94V-0 ,BLACK |

PATENT REGISTERED

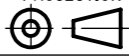
Confidential C

| REV. | ECN | BY | DATE | APP. | APP. | PROJECTION | SERIES No. | TITLE | SCALE | SHEET | REV. |
|-----------------|---------|--------|--------------|------|--------------------|-----------------------|----------------|--|-------|-------|------|
| 9 | Z230042 | K.B | Jan./13/'23 | H.I | ANGLE ±2° | 6 OVER 30 MAX. ±0.3 | R1R2R2 | CABLINER®-CA II PLUS PLUG FOR CABLE ASSEMBLY | 5:1 | I-PEX | 9 |
| 8 | Z220151 | K.Hara | Feb./14/'22 | H.I | 6 MAX. ±0.2 | 30 OVER 120 MAX. ±0.5 | R1R2R2 | | UNIT | | |
| 7 | Z191187 | A.K | Sept./11/'19 | H.I | GENERAL TOLERANCE. | | | | mm | | |
| 6 | Z191111 | A.K | Aug./22/'19 | H.I | DWG. T.Masunaga | DATE 2016/11/14 | | | SIZE | | |
| 5 | Z190854 | A.K | Aug./22/'19 | H.I | CHK. T.Kurachi | | | A3 | SHEET | 1/3 | |
| 4 | Z181515 | Y.M | Nov./19/'18 | H.I | APP. J.Tateishi | | DWG. No. 20788 | | | | |
| REVISION RECORD | | | | | | | | | | | |

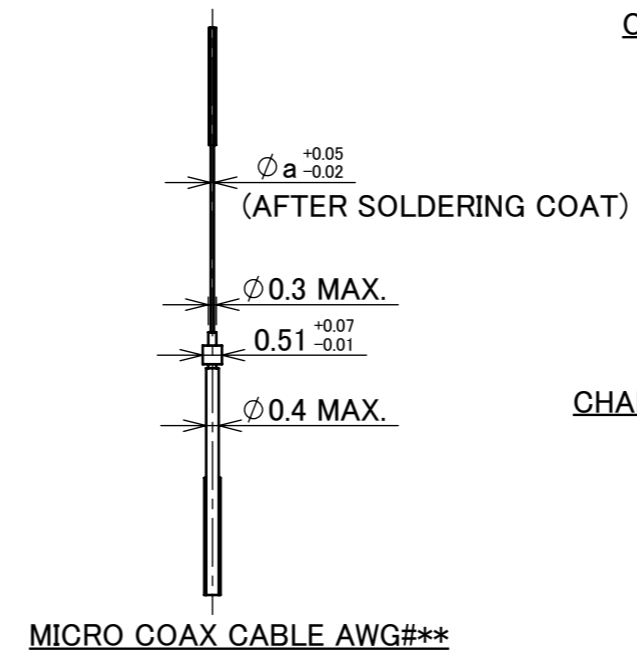
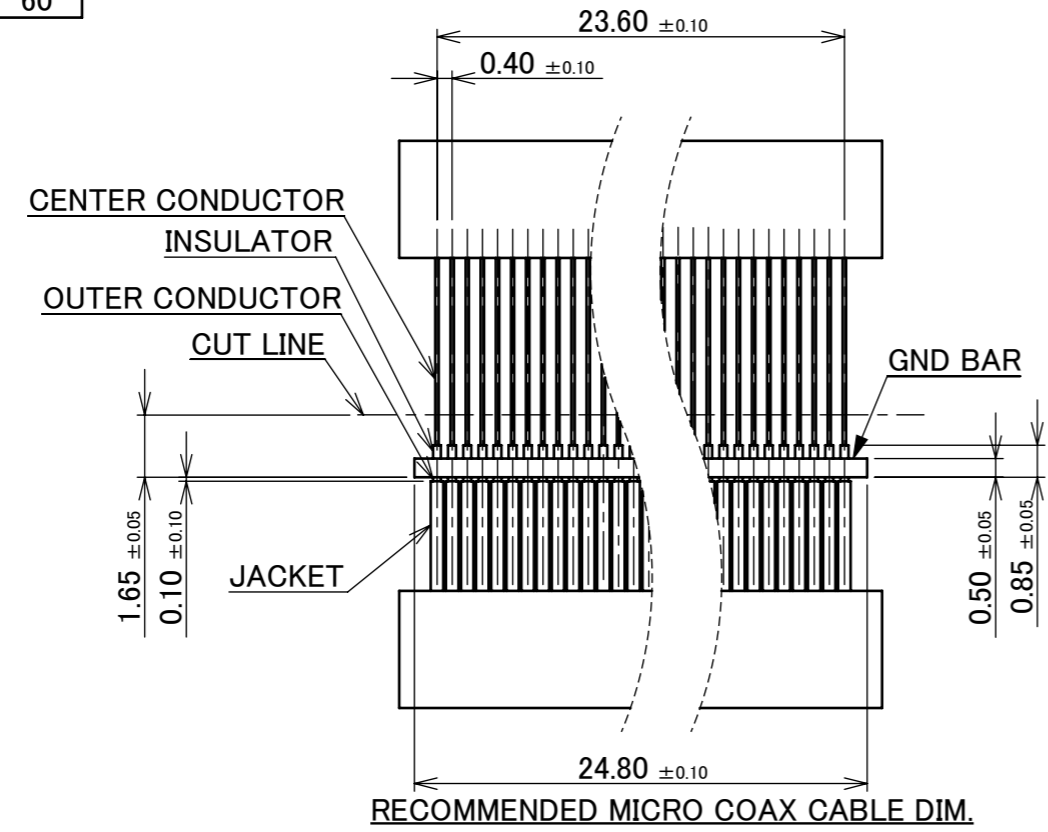
I-PEX Inc.

QKE-DFE06-02 REV.12

| ITEMS | SPECIFICATION |
|---|---|
| APPLICABLE CABLE | MICRO COAX : AWG# 44 , 42 , 40 , 38 , 36 DISCRETE : AWG# 36 , 34 TWINCOAX : AWG# 40 , 42 |
| RATING VOLTAGE | 100V AC (PER CONTACT) |
| RATING AMPERAGE (FOR CONTACT) | 0.1A AC/DC [AWG#44] PER CONTACT / UP TO 60 CONTACTS 0.24A AC/DC [AWG#42] PER CONTACT / UP TO 60 CONTACTS 0.3A AC/DC [AWG#40] PER CONTACT / UP TO 60 CONTACTS 0.5A AC/DC [AWG#38] PER CONTACT / UP TO 18 CONTACTS 0.8A AC/DC [AWG#36] PER CONTACT / UP TO 6 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT / UP TO 6 CONTACTS ※TESTING BY REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION |
| OPERATING TEMPERATURE | 248~378K(-40°C~105°C) |
| OPERATING HUMIDITY | 85% MAX.(NON-CONDENDING) |
| CONTACT RESISTANCE | INITIAL : 180mohm MAX.(AWG#34) / AFTER TEST : \triangle 40mohm MAX. 275mohm MAX.(AWG#36) 360mohm MAX.(AWG#38) 600mohm MAX.(AWG#40) 700mohm MAX.(AWG#42) 1080mohm MAX.(AWG#44) |
| GROUND SHELL RESISTANCE | INITIAL : 50mohm MAX. / AFTER TEST : \triangle 40mohm MAX. |
| INSULATION RESISTANCE | INITIAL : 1000Mohm MIN. / AFTER TEST : 500Mohm MIN. |
| DIELECTRIC WITHSTANDING VOLTAGE | AC250V 1min |
| DURABILITY | 30 CYCLES |
| MATING FORCE (INITIAL / AFTER 30 CYCLES) | 29.10N MAX. |
| UN-MATING FORCE (INITIAL / AFTER 30 CYCLES) | 6.0N MIN. |
| CABLE RETENTION FORCE | 29.40N MIN. |
| PRODUCT SPECIFICATION | PRS-2261 |
| TEST REPORT | TR-16075 |
| INSTRUCTION MANUAL | HIM-16028 |
| ASSEMBLY MANUAL | ASM-16004 |
| APPEARANCE CRITERIA NO. | QLS-A*** |

| | | | | | | | | | |
|--------------------|---------------|----------------|------------------|---|----------------------|---------------|--|--------------|--------------|
| ANGLE | $\pm 2^\circ$ | 6 OVER 30 MAX. | ± 0.3 | PROJECTION  | SERIES No. R1R2R2 | CUSTOMER COPY | | | |
| | 6 MAX. | ± 0.2 | 30 OVER 120 MAX. | | | ± 0.5 | TITLE CABLIN [®] -CA II PLUS PLUG FOR CABLE ASSEMBLY | SCALE 5:1 | I-PEX |
| GENERAL TOLERANCE. | | | | DWG. No. | 20788 | UNIT mm | SIZE A3 | SHEET 2/3 | |
| DWG. | DATE | | | CHK. | APP. | | | | |

| | |
|---------------|------|
| PART NO. | Pos. |
| 20788-060T-## | 60 |



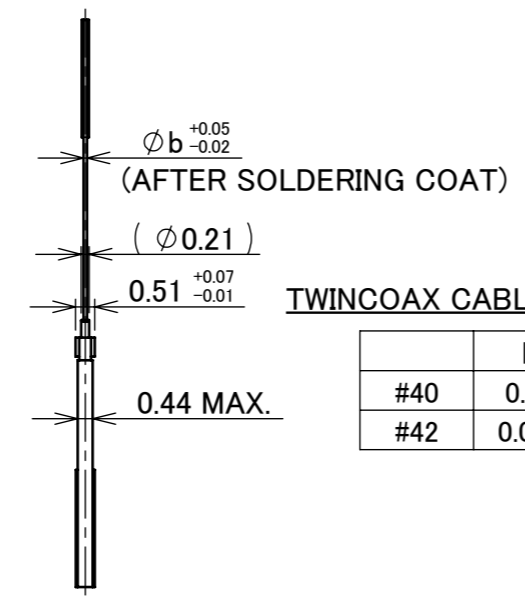
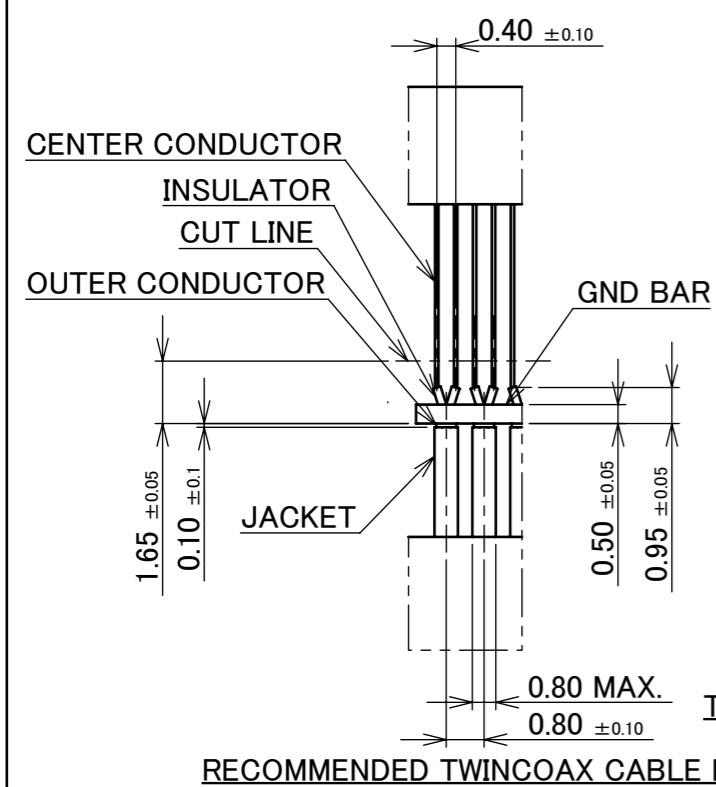
CHARACTERISTIC IMPEDANCE MATCHING MICRO COAX CABLE

| | |
|-----|-------|
| | a |
| #38 | 0.12 |
| #40 | 0.09 |
| #42 | 0.075 |
| #44 | 0.063 |

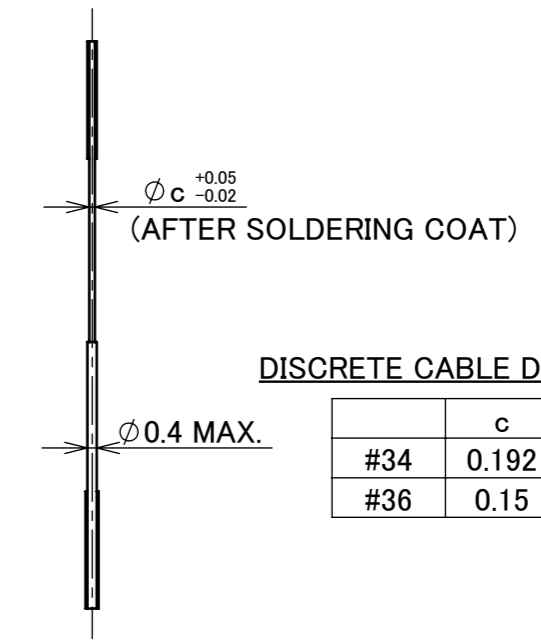
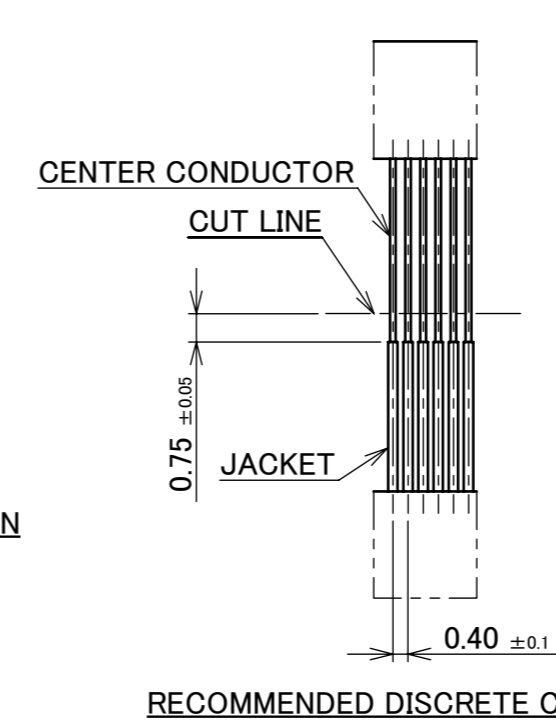
CHARACTERISTIC IMPEDANCE UN-MATCHING MICRO COAX CABLE

| | |
|-----|------|
| | a |
| #36 | 0.15 |

MICRO COAX CABLE #36 : NOT RECOMMENDED FOR HIGH SPEED SIGNAL TRANSFER



| | |
|-----|-------|
| | b |
| #40 | 0.09 |
| #42 | 0.075 |



DISCRETE CABLE DIMENSION

| | |
|-----|-------|
| | c |
| #34 | 0.192 |
| #36 | 0.15 |

| | | | | | | | | | | |
|--------------------|---------------|------------------|---|------------|------------|---------------|----|-------|-----|------|
| ANGLE | $\pm 2^\circ$ | 6 OVER 30 MAX. | ± 0.3 | PROJECTION | SERIES No. | CUSTOMER COPY | | | | |
| | 6 MAX. | 30 OVER 120 MAX. | ± 0.5 | | R1R2R2 | | | | | |
| GENERAL TOLERANCE. | | | | TITLE | SCALE | I-PEX | | | | |
| DWG. | DATE | | CABLIN [®] -CA II PLUS PLUG FOR CABLE ASSEMBLY | 5:1 | | | | | | |
| CHK. | | | | UNIT | mm | | | | | |
| APP. | | | | DWG. No. | 20788 | SIZE | A3 | SHEET | 3/3 | REV. |