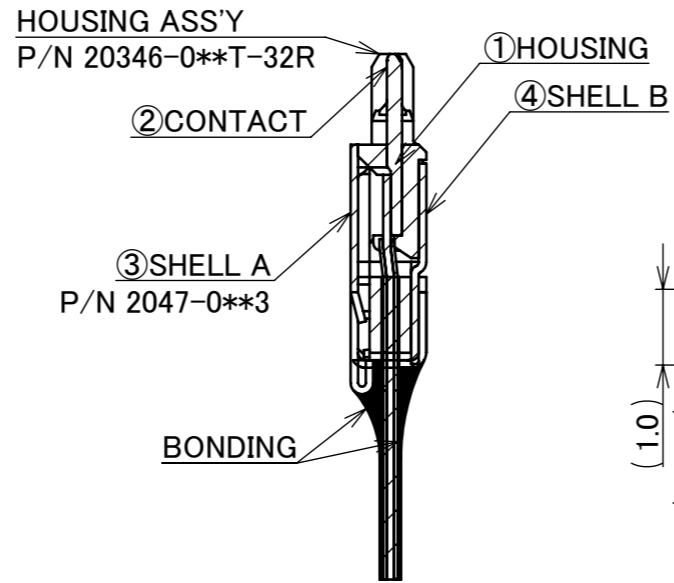
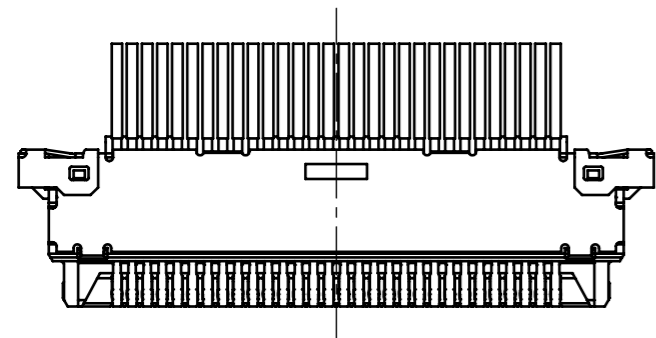
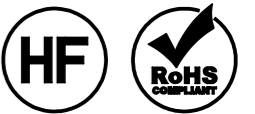
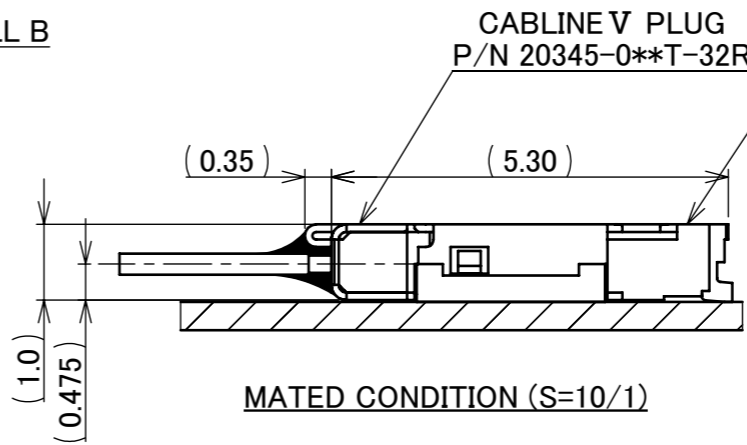


Recommended P/N 20345-0**T-32R

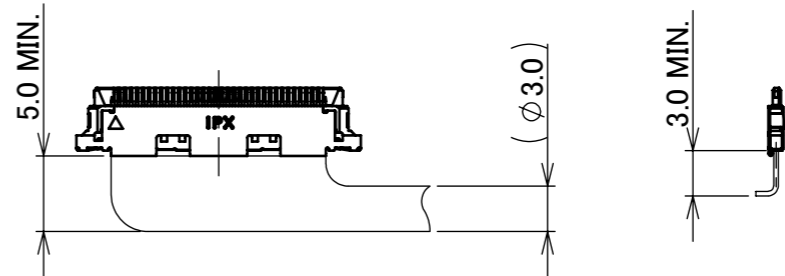
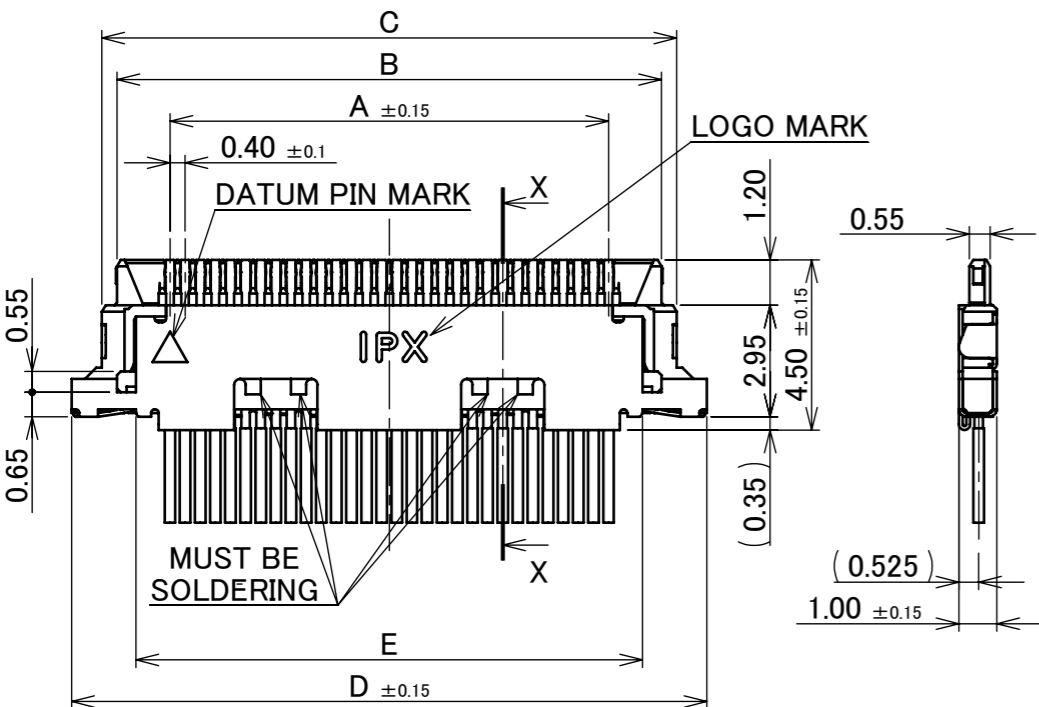
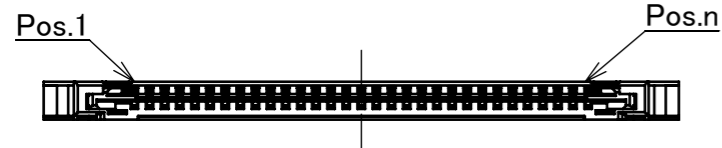
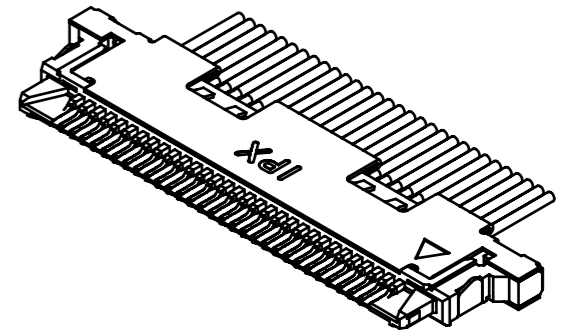
| PART NO. | POS. | A | B | C | D | E |
|----------------|------|------|------|------|------|------|
| 20345-010T-32R | 10 | 3.6 | 6.4 | 7.2 | 8.8 | 5.4 |
| 20345-015T-32R | 15 | 5.6 | 8.4 | 9.2 | 10.8 | 7.4 |
| 20345-020T-32R | 20 | 7.6 | 10.4 | 11.2 | 12.8 | 9.4 |
| 20345-025T-32R | 25 | 9.6 | 12.4 | 13.2 | 14.8 | 11.4 |
| 20345-030T-32R | 30 | 11.6 | 14.4 | 15.2 | 16.8 | 13.4 |
| 20345-035T-32R | 35 | 13.6 | 16.4 | 17.2 | 18.8 | 15.4 |
| 20345-040T-32R | 40 | 15.6 | 18.4 | 19.2 | 20.8 | 17.4 |



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



MATED CONDITION (S=10/1)



RECOMMENDED CABLE BENDING DIMENTIONS (S=2/1)

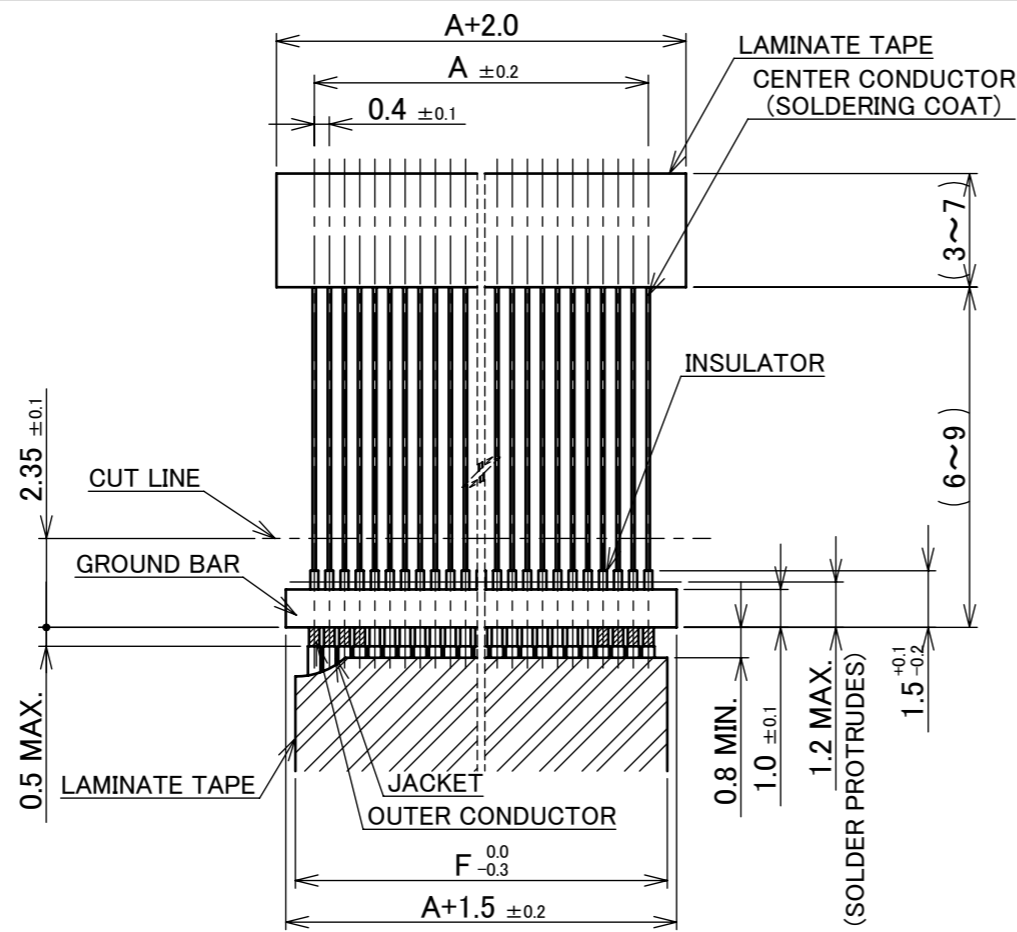
| NO. | DISCRIPTION | MATERIAL | FINISH , REMARKS |
|-----|-------------|-----------------|--|
| 4 | SHELL B | PHOSPHOR BRONZE | Sn 1.00 μ m MIN. OVER Ni 1.00 μ m MIN. |
| 3 | SHELL A | SUS | Sn 1.00 μ m MIN. OVER Ni 0.50 μ m MIN. |
| 2 | CONTACT | BRASS | ALL OVER: Ni 1.00 μ m MIN. UNDER PLATING CONTACT AREA: Au 0.10 μ m MIN. SOLDERING AREA: Au 0.03 μ m MIN. |
| 1 | HOUSING | LCP | UL94V-0, BRACK |

| REV. | ECN | BY | DATE | APP. | APP. | DATE | PROJECTION | SERIES No. | TITLE | SCALE | SHEET | REV. | |
|-----------------|---------|-----|--------------|------|--------------------|-----------|------------------|------------|---|-------|-------|-------|--|
| 27 | Z210585 | A.K | June/07/'21 | H.I | ANGLE | ±2° | 6 OVER 30 MAX. | ±0.3 | CABLIN [®] V PLUG FOR CABLE ASS'Y | 5:1 | mm | I-PEX | |
| 26 | Z181369 | K.H | Oct./19/'18 | H.I | 6 MAX. | ±0.2 | 30 OVER 120 MAX. | ±0.5 | | | | | |
| 25 | Z181269 | K.H | Sept./28/'18 | H.I | GENERAL TOLERANCE. | | | | | | | | |
| 24 | Z151180 | H.M | Oct./23/'15 | J.T | DWG. | H.Mashima | DATE | 2003/03/07 | DWG. No. | 20345 | A3 | 1/3 | |
| 23 | Z150343 | H.M | Nov./27/'15 | E.K | CHK. | Y.H | DATE | 2003/03/12 | | | | | |
| 22 | Z141092 | H.M | Nov./19/'14 | E.K | APP. | K.K | DATE | 2003/03/13 | | | | 27 | |
| REVISION RECORD | | | | | | | | | | | | | |

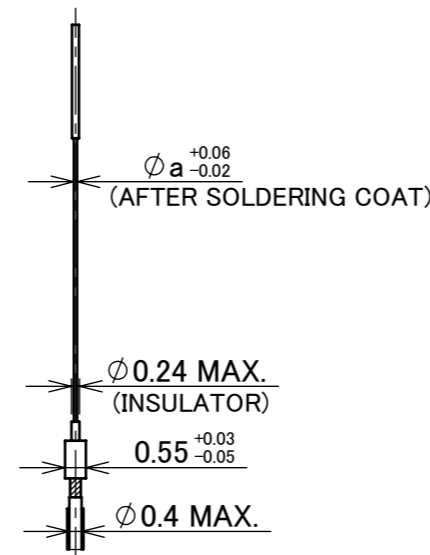
| ITEMS | SPECIFICATION |
|---------------------------------------|--|
| APPLICABLE CABLE | MICRO COAX : AWG# 44,42,40 DISCRETE : AWG# 36 TWINCOAX : AWG# 40 |
| RATING VOLTAGE | 100V AC (PER CONTACT) |
| RATING AMPERAGE (FOR CONTACT) | 0.1A AC/DC [AWG#44] (PER CONTACT / UP TO 40 CONTACTS) 0.24A AC/DC [AWG#42] (PER CONTACT / UP TO 40 CONTACTS) 0.3A AC/DC [AWG#40] (PER CONTACT / UP TO 40 CONTACTS) 0.8A AC/DC [AWG#36] (PER CONTACT / UP TO 12 CONTACTS) ※TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION. |
| OPERATING TEMPERATURE | 233~358K(-40°C~+85°C) |
| OPERATING HUMIDITY | 85% MAX.(NON-CONDENSING) |
| CONTACT RESISTANCE | INITIAL : 235mohm MAX.(AWG#36) / AFTER TEST : \triangle 40mohm MAX. 560mohm MAX.(AWG#40) 650mohm MAX.(AWG#42) 1040mohm 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 TEST) | 10P : 20.0N MAX. 15P : 22.5N MAX. 20P : 25.0N MAX. 25P : 27.5N MAX. 30P : 30.0N MAX. 35P : 32.5N MAX. 40P : 35.0N MAX. |
| UNMATING FORCE (INITIAL / AFTER TEST) | 10P : 4.0N MIN. 15P : 5.0N MIN. 20P : 5.5N MIN. 25P : 6.0N MIN. 30P : 7.0N MIN. 40P : 8.5N MIN. |
| CABLE RETENTION FORCE | 10P : 4.90N MIN. 15P : 7.35N MIN. 20P : 9.80N MIN. 25P : 12.25N MIN. 30P : 14.70N MIN. 35P : 17.15N MIN. 40P : 19.60N MIN. |
| PRODUCT SPECIFICATION | P/N : 20345-0**T-32R ... PRS-1461 |
| TEST REPORT | P/N : 20345-0**T-32R ... TR-08068 |
| INSTRUCTION MANUAL | HIM-03005 |
| ASSEMBLY MANUAL | ASM-03002 |
| APPEARANCE CRITERIA NO. | QLS-A*** |

| | | | | | | | | |
|--------------------|---------------|----------------|------------------|--|----------------------------|---------------|--------------|------------|
| ANGLE | $\pm 2^\circ$ | 6 OVER 30 MAX. | ± 0.3 | PROJECTION | SERIES No. R10R4 | CUSTOMER COPY | | |
| | 6 MAX. | ± 0.2 | 30 OVER 120 MAX. | | | | | ± 0.5 |
| GENERAL TOLERANCE. | | | | TITLE CABLIN [®] V PLUG FOR CABLE ASS'Y | SCALE 5:1 UNIT mm | | | |
| DWG. | DATE | | | | | | | |
| CHK. | | | | | | | | |
| APP. | | | | | | | | |
| | | | | DWG. No. | 20345 | SIZE A3 | SHEET 2/3 | REV. 27 |

| PART NO. | POS. | A | F |
|----------------|------|------|------|
| 20345-010T-32R | 10 | 3.6 | 4.6 |
| 20345-015T-32R | 15 | 5.6 | 6.6 |
| 20345-020T-32R | 20 | 7.6 | 8.6 |
| 20345-025T-32R | 25 | 9.6 | 10.6 |
| 20345-030T-32R | 30 | 11.6 | 12.6 |
| 20345-035T-32R | 35 | 13.6 | 14.6 |
| 20345-040T-32R | 40 | 15.6 | 16.6 |

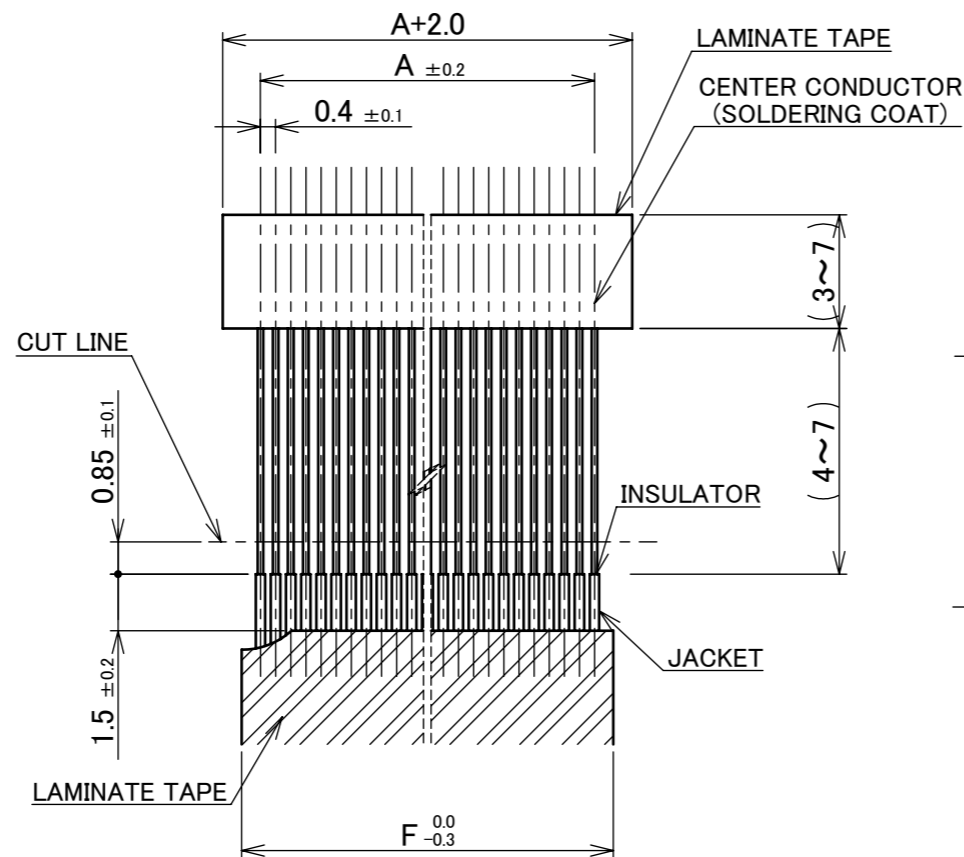


RECOMMENDED MICROCOAX CABLE CABLE

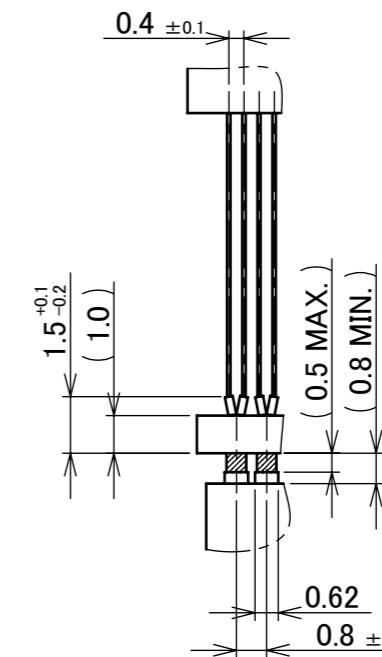
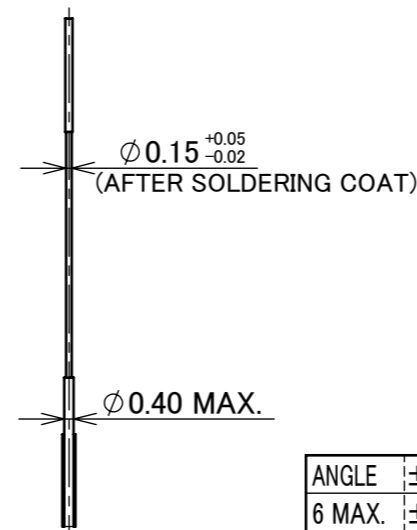


MICROCOAX CABLE DIMENSION

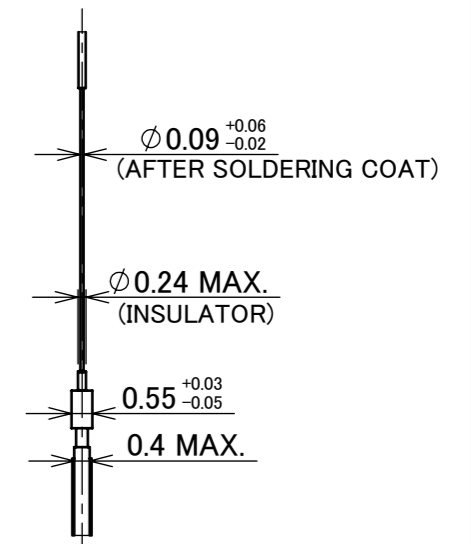
| | a |
|-----|-------|
| #40 | 0.09 |
| #42 | 0.075 |
| #44 | 0.063 |



RECOMMENDED DISCRETE CABLE (AWG#36)



RECOMMENDED TWINCOAX CABLE DIM. (AWG#40)



| | | | | | | | |
|--------------------|---------------|----------------|------------------|---|------------|---------------|------|
| ANGLE | $\pm 2^\circ$ | 6 OVER 30 MAX. | ± 0.3 | PROJECTION | SERIES No. | CUSTOMER COPY | |
| | 6 MAX. | ± 0.2 | 30 OVER 120 MAX. | ± 0.5 | R10R4 | | |
| GENERAL TOLERANCE. | | | | TITLE | SCALE | I-PEX | |
| DWG. | DATE | | | CABLIN [®] V PLUG FOR CABLE ASS'Y | 5:1 | | |
| CHK. | | | | | UNIT | | |
| APP. | | | | | mm | | |
| | | | | DWG. No. | SIZE | SHEET | REV. |
| | | | | 20345 | A3 | 3/3 | 27 |