

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TE CONNECTIVITY LTD. AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES (TE). IT MAY NOT BE DISCLOSED TO ANYONE, OTHER THAN TE PERSONNEL, WITHOUT AUTHORIZATION FROM TE (www.te.com).

THIS DRAWING IS A CONTROLLED DOCUMENT

DWG NO DBAS-974-XX

DBAS

974

-

XX

-

XX

X

N

XX

\*\*\*\*

CONNECTOR TYPE

SHELL TYPE

SHELL SIZE

ARRANGEMENTS

CONTACT TYPE

INSERT CLOCKING POSITION

KEY ORIENTATION

SPECIAL MODIFICATIONS

74 - Jam-Nut Mounting Receptacle

9-11-13-15-17-19-21-23-25

P Pin Contact  
S Socket Contact

N - Normal

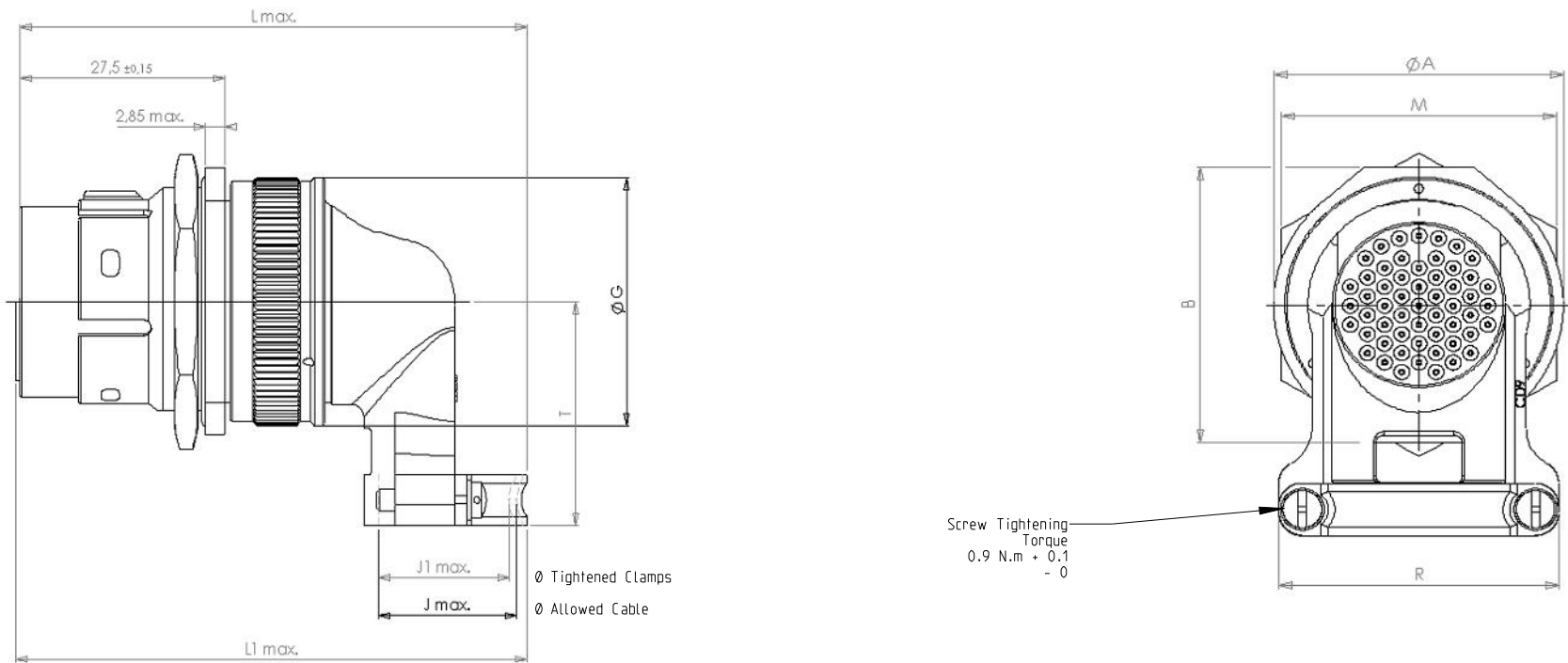
DA, DB, DC, DD, DE, DF, DG

1A Without nut  
059 Straight cable clamp  
081 Elbowed cable clamp  
090 Without contact  
395 Kerosene-resistant insert  
A083 Potting cup  
A838 Olive drab cadmium  
\*\*\*\*\* For other modifications, consult TE.

CHARACTERISTICS

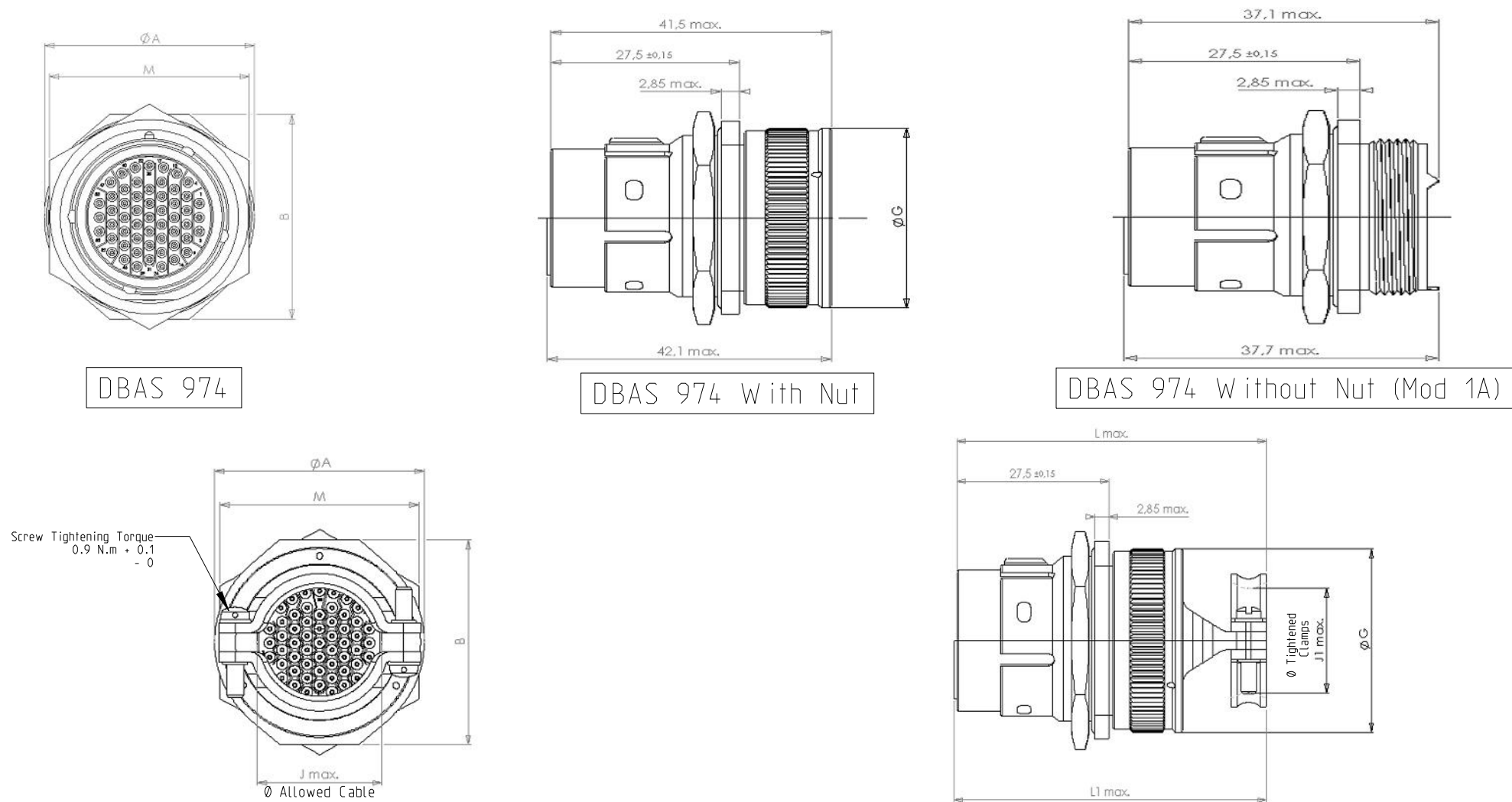
- Shell Material : Aluminium alloy, Nickel plated.
- RFI ring Material : Beryllium Copper, Nickel plated.
- Insert Material : Thermoplastic and Fluorinated silicone
- Contact : Crimp Type, Gold over Nickel plated.
- Service Temperature : -55°C to +200°C

DBAS 974-WITH ELBOWED CABLE CLAMP (MOD 081)



| Part Number with Elbowed Cable Clamp | A Max | B Max | G Max | M Max | Max, Nut Panel Tightening Torque | J Max | J1 Max | L Max | L1 Max | R Max | T Max |
|--------------------------------------|-------|-------|-------|-------|----------------------------------|-------|--------|-------|--------|-------|-------|
| DBAS 974-09-**-** P/S * 081          | 19.2  | 19.2  | 17    | 16.31 | See FIT 107-B BS 574             | 6.6   | 5.15   | 54.5  | 55.1   | 17.4  | 21.4  |
| DBAS 974-11-**-** P/S * 081          | 22.4  | 22.4  | 21.8  | 21.07 |                                  | 12.75 | 10.55  | 59.6  | 60.2   | 23.6  | 23.8  |
| DBAS 974-13-**-** P/S * 081          | 27.2  | 27.2  | 25    | 24.24 |                                  | 14.6  | 12.05  | 61.9  | 62.5   | 25.5  | 25.3  |
| DBAS 974-15-**-** P/S * 081          | 30.4  | 29.6  | 28.25 | 27.4  |                                  | 17.8  | 15.85  | 65.3  | 65.9   | 29.7  | 26.8  |
| DBAS 974-17-**-** P/S * 081          | 33.6  | 33.5  | 30.95 | 32.18 |                                  | 19.8  | 17.95  | 68.6  | 69.2   | 32.6  | 28.3  |
| DBAS 974-19-**-** P/S * 081          | 33.6  | 33.5  | 30.95 | 32.18 |                                  | 19.8  | 17.95  | 68.6  | 69.2   | 32.6  | 28.3  |
| DBAS 974-21-**-** P/S * 081          | 38.3  | 36.3  | 34.15 | 35.36 |                                  | 23    | 21.05  | 72    | 72.6   | 36    | 29.9  |

DBAS 974-JAM-NUT MOUNTED FLANGE RECEPTACLE/WITH STRAIGHT CABLE CLAMP



| Part Number            | Part Number without Nut    | Part Number with Straight Cable Clamp | A Max | B Max | G Max | M Max | Max, Nut Panel Tightening Torque | J Max* | With Straight Cable Clamp |       |        |
|------------------------|----------------------------|---------------------------------------|-------|-------|-------|-------|----------------------------------|--------|---------------------------|-------|--------|
|                        |                            |                                       |       |       |       |       |                                  |        | J1 Max                    | L Max | L1 Max |
| DBAS 974-09-**-** P/S* | DBAS 974-09-**-** P/S * 1A | DBAS 974-09-**-** P/S * 059           | 19.2  | 19.2  | 17    | 16.31 | See FIT 107-B BS 574             | 6.6    | 5.15                      | 50.5  | 51     |
| DBAS 974-11-**-** P/S* | DBAS 974-11-**-** P/S * 1A | DBAS 974-11-**-** P/S * 059           | 22.4  | 22.4  | 21.8  | 21.07 |                                  | 12.75  | 10.55                     | 50.5  | 51     |
| DBAS 974-13-**-** P/S* | DBAS 974-13-**-** P/S * 1A | DBAS 974-13-**-** P/S * 059           | 27.2  | 27.2  | 25    | 24.24 |                                  | 14.6   | 12.05                     | 56.5  | 57.1   |
| DBAS 974-15-**-** P/S* | DBAS 974-15-**-** P/S * 1A | DBAS 974-15-**-** P/S * 059           | 30.4  | 29.6  | 28.25 | 27.4  |                                  | 17.8   | 15.85                     | 56.5  | 57.1   |
| DBAS 974-17-**-** P/S* | DBAS 974-17-**-** P/S * 1A | DBAS 974-17-**-** P/S * 059           | 33.6  | 33.5  | 30.95 | 32.18 |                                  | 19.8   | 17.95                     | 56.5  | 57.1   |
| DBAS 974-19-**-** P/S* | DBAS 974-19-**-** P/S * 1A | DBAS 974-19-**-** P/S * 059           | 33.6  | 33.5  | 30.95 | 32.18 |                                  | 19.8   | 17.95                     | 56.5  | 57.1   |
| DBAS 974-21-**-** P/S* | DBAS 974-21-**-** P/S * 1A | DBAS 974-21-**-** P/S * 059           | 38.3  | 36.3  | 34.15 | 35.36 |                                  | 23     | 21.05                     | 56.5  | 57.1   |
| DBAS 974-23-**-** P/S* | DBAS 974-23-**-** P/S * 1A | DBAS 974-23-**-** P/S * 059           | 47.8  | 47.2  | 42    | 43.02 |                                  | 30.1   | 27.45                     | 56.5  | 57.1   |
| DBAS 974-25-**-** P/S* | DBAS 974-25-**-** P/S * 1A | DBAS 974-25-**-** P/S * 059           | 47.8  | 47.2  | 42    | 43.02 |                                  | 30.1   | 27.45                     | 56.5  | 57.1   |

DBAS 974-WITH POTTING CUP (MOD A083)

| Part Number with Potting Cup | A Max | B Max | G Max | M Max | Max, Nut Panel Tightening Torque | J mini | L Max | L1 Max |
|------------------------------|-------|-------|-------|-------|----------------------------------|--------|-------|--------|
| DBAS 974-09-**-** P/S * A083 | 19.2  | 19.2  | 17    | 16.31 | See FIT 107-B BS 574             | 4.6    | 50.6  | 51.2   |
| DBAS 974-11-**-** P/S * A083 | 22.4  | 22.4  | 21.8  | 21.07 |                                  | 10     | 50.6  | 51.2   |
| DBAS 974-13-**-** P/S * A083 | 27.2  | 27.2  | 25    | 24.24 |                                  | 11.5   | 56.1  | 56.7   |
| DBAS 974-15-**-** P/S * A083 | 30.4  | 29.6  | 28.25 | 27.4  |                                  | 15.3   | 56.1  | 56.7   |
| DBAS 974-17-**-** P/S * A083 | 33.6  | 33.5  | 30.95 | 32.18 |                                  | 17.3   | 56.1  | 56.7   |
| DBAS 974-19-**-** P/S * A083 | 33.6  | 33.5  | 30.95 | 32.18 |                                  | 17.3   | 56.1  | 56.7   |
| DBAS 974-21-**-** P/S * A083 | 38.3  | 36.3  | 34.15 | 35.36 |                                  | 20.5   | 56.1  | 56.7   |
| DBAS 974-23-**-** P/S * A083 | 47.8  | 47.2  | 42    | 43.02 |                                  | 26.8   | 56.1  | 56.7   |
| DBAS 974-25-**-** P/S * A083 | 47.8  | 47.2  | 42    | 43.02 |                                  | 26.8   | 56.1  | 56.7   |

|     |                     |      |     |      |
|-----|---------------------|------|-----|------|
| A   | PRELIMINARY RELEASE | -    | MB  | RS   |
| LTR | REVISION RECORD     | DATE | DWN | APVD |

|                 |                                         |
|-----------------|-----------------------------------------|
| DIMENSIONS:     | TOLERANCES, UNLESS OTHERWISE SPECIFIED: |
| mm              |                                         |
| 0 PLC           | ±                                       |
| 1 PLC           | ±0.1                                    |
| 2 PLC           | ±0.01                                   |
| 3 PLC           | ±0.001                                  |
| 4 PLC           | ±0.0001                                 |
| ANGLES:         | -                                       |
| SURFACE TEXTURE | √                                       |

|                                           |           |                                                                                       |  |            |     |
|-------------------------------------------|-----------|---------------------------------------------------------------------------------------|--|------------|-----|
| DWN                                       | 22NOV2021 | MATERIAL                                                                              |  | HEAT TREAT |     |
| MANSI B                                   |           | -                                                                                     |  | -          |     |
| CHK                                       | 22NOV2021 | -                                                                                     |  | -          |     |
| RAKESH S                                  |           |  |  |            |     |
| APVD                                      | 23NOV2021 |                                                                                       |  |            |     |
| VINCENT P                                 |           |                                                                                       |  |            |     |
| NAME DBAS 974_JAM-NUT MOUNTING RECEPTACLE |           |                                                                                       |  |            |     |
| -                                         |           |                                                                                       |  |            |     |
| SCALE                                     | SIZE      | DRAWING NO                                                                            |  | SHEET      | REV |
| 1:1                                       | A2        | DBAS-974-XX                                                                           |  | 1 OF 1     | 1   |