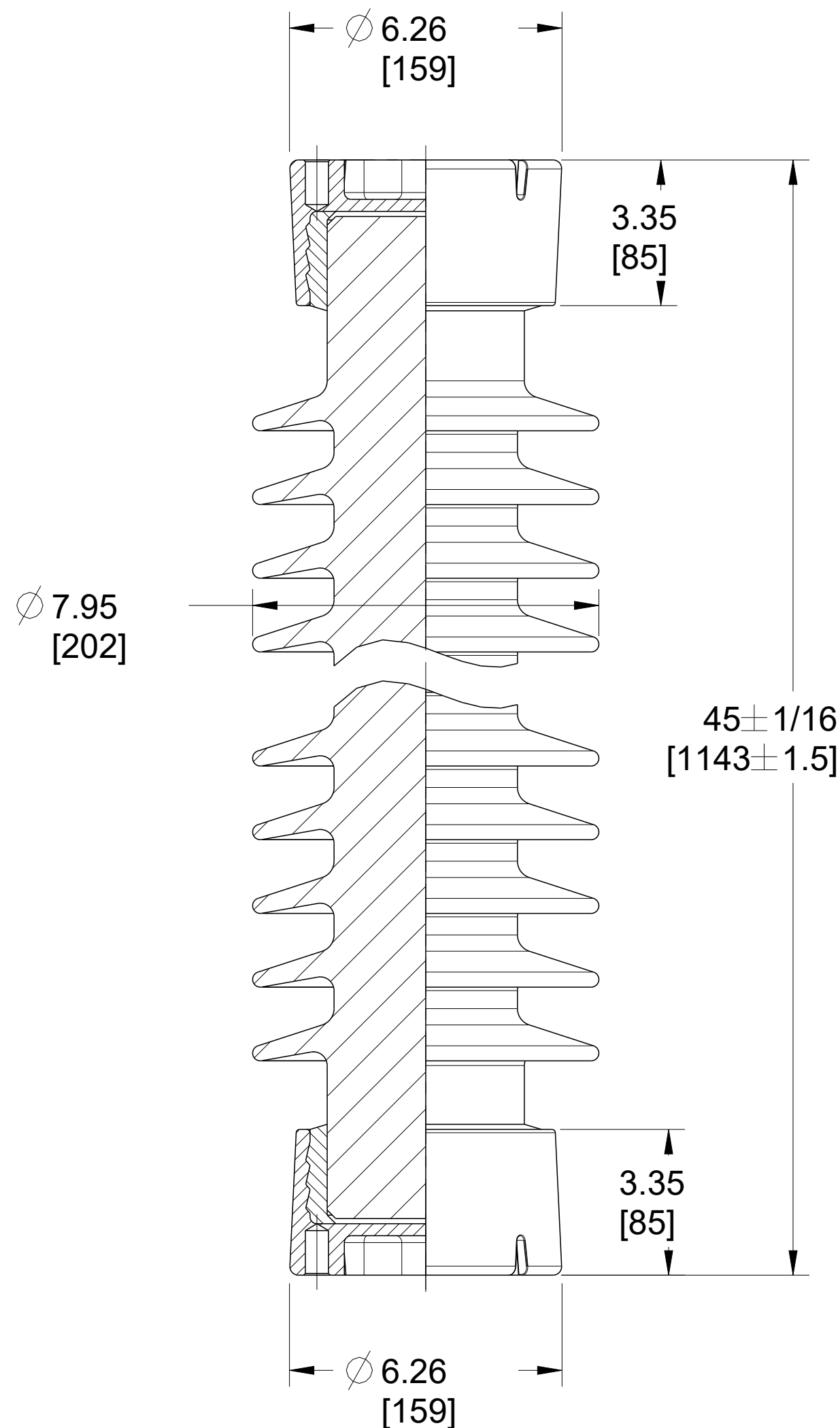
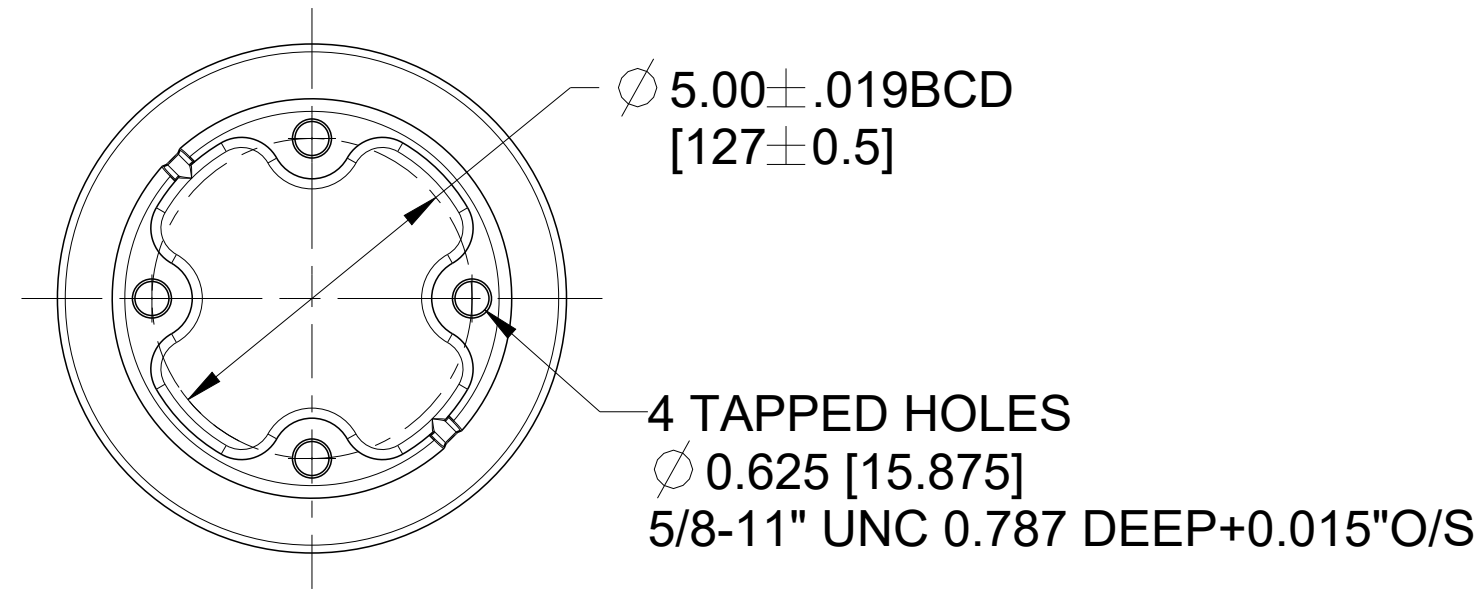


|                                                      |                          |
|------------------------------------------------------|--------------------------|
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| REVISIONS |     |                                                         |           |     |      |
|-----------|-----|---------------------------------------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION                                             | DATE      | DWN | APVD |
|           | 4   | CHANGE THE SHED DIA. REMOVE THE IMPULSE FLASHOVER VALUE | -         | MK  | CHK  |
|           | 5   | ADD 2 LINE ELECTRICAL VALUES                            | -         | DM  | APP  |
|           | 6   | REDRAWN IN CREO                                         | 12OCT2018 | RS  | KP   |
|           | 7   | THREAD FOR FITTING UPDATED TO 5/8-11" UNC               | 20MAR2023 | AS  | KP   |



Notes:

1. All ferrous parts hot-dip galvanised
2. Threaded holes shall be coated with rust inhibitor
3. Test standard ANSI C29.1
4. Mark on porcelain: **STF**



TR 286

1700lb BIL 550kV

Month Year

| Mechanical Properties |              |          |
|-----------------------|--------------|----------|
| Units                 | English      | Metric   |
| Tensile Strength      | 20,000 lb    | 89.0 kN  |
| Compression Strength  | 60,000 lb    | 267.0 kN |
| Torsional Strength    | 40,000 in-lb | 4.5 kN-m |
| Cantilever Strength   | 1700 lb      | 7.6 kN   |

| Electrical Properties                |                 |
|--------------------------------------|-----------------|
| Lightning Impulse Withstand          | 550 kV          |
| Wet Low Frequency Withstand          | 230 kV          |
| Dry Low Frequency Withstand          | 250 kV          |
| Critical Impulse Flashover, Positive | 610 kV          |
| Min Creepage Distance                | 99Inch (2515mm) |

| Physical Properties |         |         |
|---------------------|---------|---------|
| Units               | English | Metric  |
| Length              | 45 in   | 1143 mm |
| Shed Diameter       | 7.96 in | 202 mm  |
| Approx Weight       | 112 lb  | 51 Kg   |
| Colour              | Grey    |         |

COMPONENT LIST:

Number of units in stock

1

## Ductile cast iron

TE P/N: ED8813-000

|                                                                                       |  |                                           |           |                   |                                                                                                                 |                                      |                                                     |  |  |  |
|---------------------------------------------------------------------------------------|--|-------------------------------------------|-----------|-------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------------------------------|--|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>RAVI.S                             | 12OCT2018 |                   | <div>TE Connectivity</div> |                                      |                                                     |  |  |  |
|                                                                                       |  | CHK<br>K.PUSTHAY                          | 12OCT2018 |                   |                                                                                                                 |                                      |                                                     |  |  |  |
| DIMENSIONS:<br>inch (mm)                                                              |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |           | APVD<br>K.PUSTHAY | 12OCT2018                                                                                                       |                                      | NAME<br>PORCELAIN STATION POST INSULATOR,<br>TR 286 |  |  |  |
|  |  | 0 PLC ±                                   |           | PRODUCT SPEC      |                                                                                                                 | SIZECAGE CODEDRAWING NORESTRICTED TO |                                                     |  |  |  |
|                                                                                       |  | 1 PLC ±                                   |           | -                 |                                                                                                                 |                                      |                                                     |  |  |  |
|                                                                                       |  | 2 PLC ±                                   |           | APPLICATION SPEC  |                                                                                                                 | A200779C=SP-TR286PG                  |                                                     |  |  |  |
|                                                                                       |  | 3 PLC ±                                   |           | -                 |                                                                                                                 |                                      |                                                     |  |  |  |
|                                                                                       |  | 4 PLC ±                                   |           |                   |                                                                                                                 | SCALENTSHEET1 OF 1REV7               |                                                     |  |  |  |
|                                                                                       |  | ANGLES ±                                  |           |                   |                                                                                                                 |                                      |                                                     |  |  |  |
| MATERIAL                                                                              |  | FINISH                                    |           | WEIGHT            |                                                                                                                 |                                      |                                                     |  |  |  |
| -                                                                                     |  | -                                         |           | -                 |                                                                                                                 |                                      |                                                     |  |  |  |
| -                                                                                     |  | -                                         |           | -                 |                                                                                                                 |                                      |                                                     |  |  |  |
| CUSTOMER DRAWING                                                                      |  |                                           |           |                   |                                                                                                                 |                                      |                                                     |  |  |  |