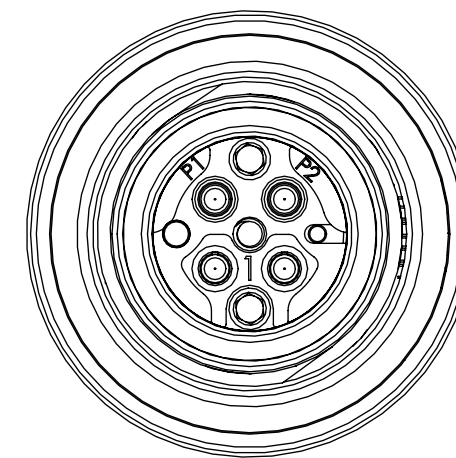


TFOCA GenX PLUG PERFORMANCE SPECIFICATIONS

| | |
|------------------------------|--|
| Mating Durability | 2,000 cycles per EIA-455-21 |
| Vibration | 10 G's per EIA / TIA -RS-455-11 |
| Mechanical Shock | Per EIA / TIA -RS-455-14 Test Condition C |
| Thermal Shock | -54 °C to +85 °C per TIA / EIA-455-71 |
| Temperature Life | 250 Hours @ +85°C per EIA / TIA-RS-455-4 |
| Corrosion Resistance | Per TIA / EIA-455-16 Test Condition C |
| Humidity | 10 cycles per TIA / EIA-455-5 |
| Fluid Immersion | Per TIA / EIA-455-12 |
| Crush Resistance | 450 LBS. per TIA / EIA-455-26 |
| Maintenance Aging | Per MIL-STD-1344, method 2002 |
| Cable Pull Out Force | 400 LBS. Min. per TIA / EIA-455-6 (depending on cable construction) |
| Cable Sealing Flexing | Per TIA / EIA-455-1 |
| Impact | Per TIA / EIA-455-2 |

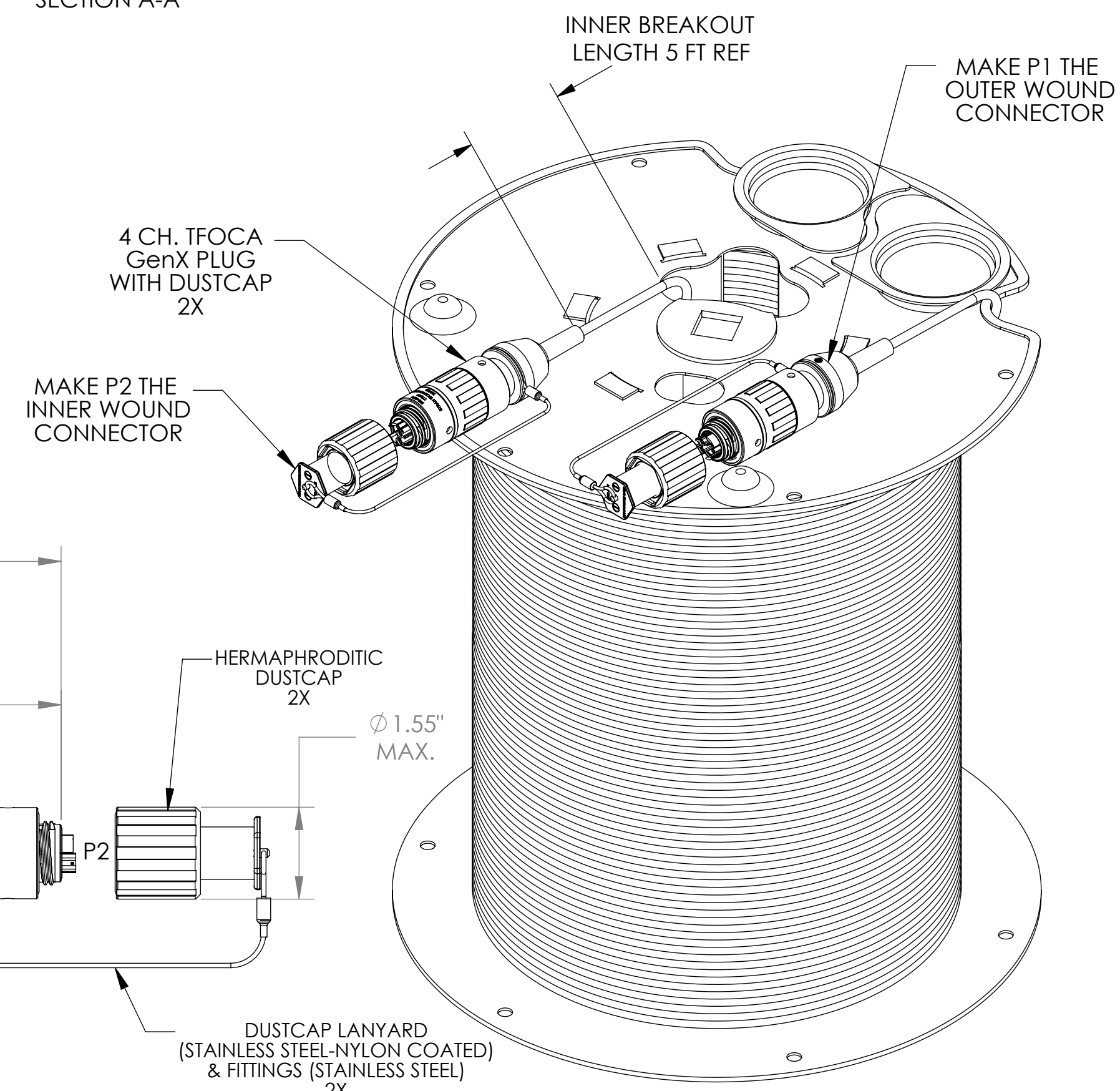
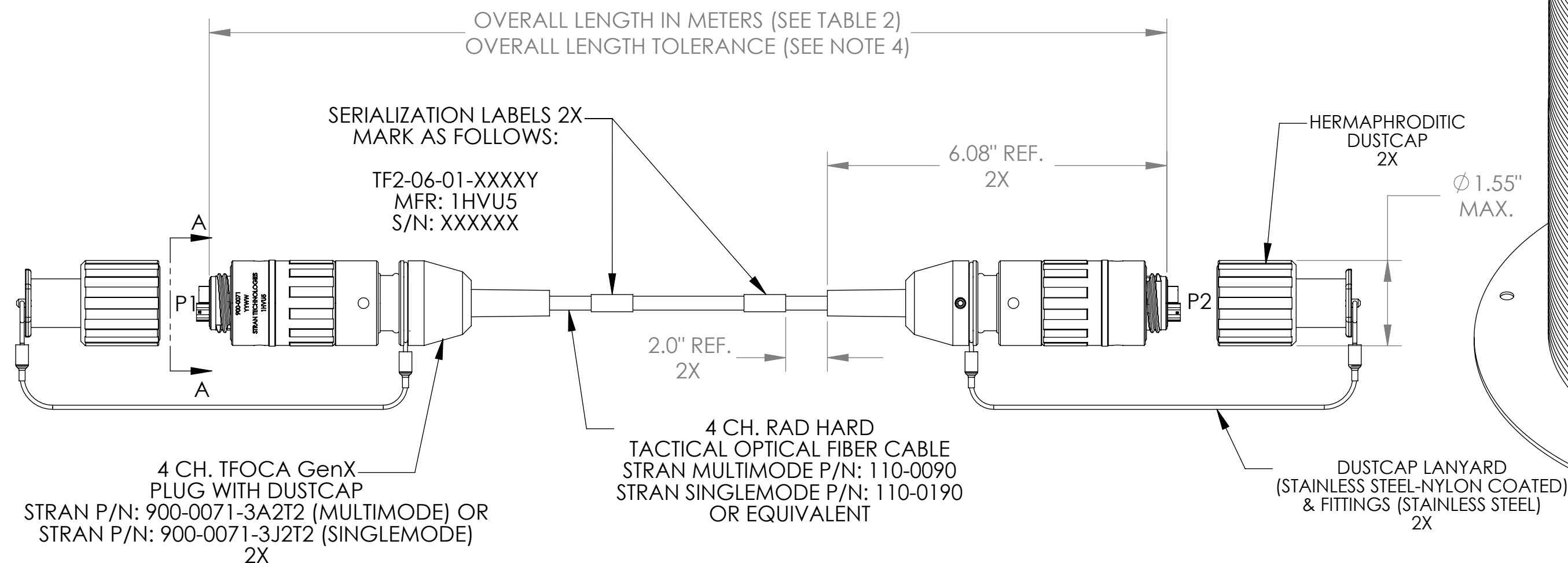


SECTION A-A

| REV. | SCN NO. | REVISIONS | BY | DATE | APVD. |
|------|---------|--|--------|----------|-------|
| A | | NEW RELEASE | RCCSR | 09-05-00 | |
| B | 03-207 | RE-RELEASE TO SHOW NEW DUSTCAP; CHANGED TO NEW FORMATED DWG SHEET | EC | 10/09/03 | R² |
| C | 05-022 | UPDATE PERFORMANCE SPECS, ADD PINOUT CHART, ADD LINK LOSS, ADD 500 METER LENGTH OPTION, ADD MARKER LABELS, MODIFY LENGTH TOLERANCE NOTE. | MGD | 2/25/05 | R² |
| D | 05-024 | UPDATE DRAWING PER EDR 0050-05 | R. RAU | 03/09/05 | R² |
| E | 06-017 | ADDED COLOR CODE TO PINOUT TABLE | SCC | 04-11-06 | R² |
| F | 06-067 | ADDED J1 AND J2 TO REEL DRAWING TO INSURE REPEATABLE WINDING ON REEL | MGD | 10/24/06 | R² |
| G | 08-538 | ADDED NOTE 9 SPECIFYING DIRECTION IN WHICH CABLE IS SPOOLED ONTO THE REEL. | SCC | 10/07/08 | MGD |
| H | 10-504 | CHANGED CABLE TO RAD HARD PER THE 83526 SPEC | MGD | 2/2/10 | MGD |
| J | 13-537 | SEE SCN 13-537 | MGD | 10/15/13 | ARD |

| P1 | COLOR | P2 |
|-------|--------|-------|
| P1-P1 | ORANGE | P2-S1 |
| P1-P2 | BROWN | P2-S2 |
| P1-S1 | BLUE | P2-P1 |
| P1-S2 | GREEN | P2-P2 |

STANDARD PINOUT TABLE
ALTERNATES AVAILABLE
(SEND REQUEST WITH P.O.)



| Part # | "XXXX" Description |
|----------------|--|
| TF2-06-01-0300 | 4 CH. TFOCA GenX PLUG TO 4 CH. TFOCA GenX PLUG - 300 METERS ON REEL |
| TF2-06-01-0500 | 4 CH. TFOCA GenX PLUG TO 4 CH. TFOCA GenX PLUG - 500 METERS ON REEL |
| TF2-06-01-1000 | 4 CH. TFOCA GenX PLUG TO 4 CH. TFOCA GenX PLUG - 1000 METERS ON REEL |

PART NUMBER EXAMPLE: TF2-06-01-XXXXY

LEAVE BLANK FOR MULTIMODE
ADD 'S' FOR SINGLEMODE
DENOTES LENGTH
IN METERS

- NOTES:
1. MATERIAL: PLUG BODY, AND DUSTCAP; ALUMINUM 6061-T6
 2. FINISH: ZINC NICKEL
 3. ALL SEALS ARE EPDM.
 4. OVERALL LENGTH TOLERANCE: FOR ASSEMBLIES LESS THAN 100M USE AN OVERALL TOLERANCE OF +.5/- .25 METERS. FOR ASSEMBLIES 100M OR MORE USE AN OVERALL TOLERANCE OF +2%/-0.
 5. MAX. SINGLEMODE LINK LOSS @ 1310nm=.75dB FOR TFOCA GenX TERMINI X 2 + CABLE ATTENUATION OF .0007dB/m X CABLE LENGTH IN METERS
 6. MAX. MULTIMODE LINK LOSS @ 1300nm=.75dB FOR TFOCA GenX TERMINI X 2 + CABLE ATTENUATION OF .001dB/m X CABLE LENGTH IN METERS
 7. CABLE ATTENUATION NEGLIGIBLE IN LENGTHS LESS THAN 100m.
 8. SPECIFY IF ASSEMBLY IS TO BE SINGLEMODE OR MULTIMODE ON PURCHASE ORDER
 9. IF NOT SPECIFIED IN CUSTOMER PURCHASE ORDER, CABLE TO BE SPOOLED ONTO THE REEL SO THAT THE REEL SPINS IN A CLOCKWISE DIRECTION WHILE WINDING AND IN A COUNTERCLOCKWISE DIRECTION WHILE UNWINDING WHEN LOOKING AT THE REEL FROM THE SIDE THAT IS UNSUPPORTED BY THE STAND OR CONTAINS THE CONNECTORS, KNOB OR LABELS.

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| TOLERANCES | DRAWN BY | DATE |
|------------|------------|----------|
| .00 ± | RCCSR | 09-05-00 |
| .000 ± | M. DECARLO | 12/10/03 |
| .0000 ± | M. DECARLO | 12/10/03 |
| ANGLES ± | | |

STRAN TECHNOLOGIES
39 GREAT HILL RD
NAUGATUCK, CT 06770

**CABLE ASS'Y,
4 CH. TFOCA GenX
PLUG TO PLUG,
ON REEL**

ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESIS () ARE REFERENCE DIMENSIONS.
PROPRIETARY INFORMATION
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| | | | |
|----------------------------------|------------------|-----------------|--------|
| THIRD ANGLE PROJECTION | DWG SIZE | PART NO. | REV. |
| | C | TF2-06-01-XXXXY | J |
| DRAWING PER ISO 1101 AND ISO 129 | CAGE CODE: 1HVU5 | SCALE | NONE |
| | | SHEET | 1 OF 1 |

DWG NO. TF2-06-01-XXXXY 1 J REV.