

PROPRIETARY AND CONFIDENTIAL

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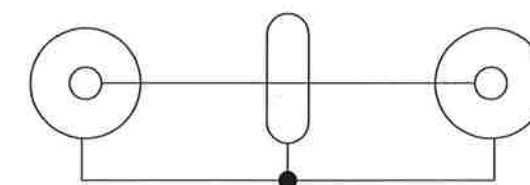
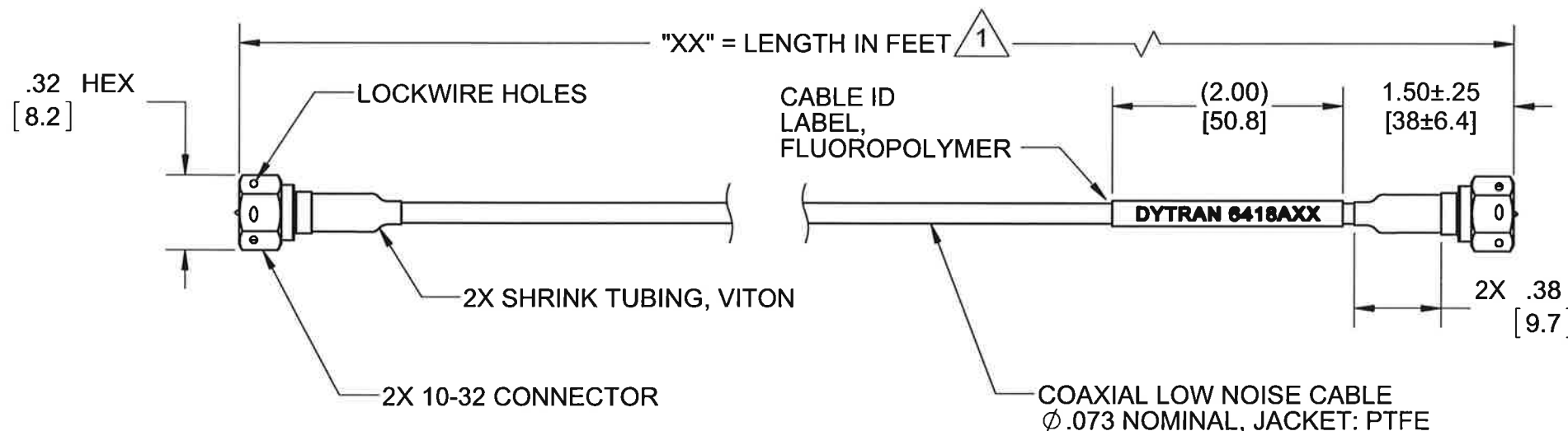
REVISIONS

| REV | ECN | DESCRIPTION | BY/DATE | CHK | APPR |
|-----|-------|-----------------|--------------|-----|------|
| A | 11207 | INITIAL RELEASE | NDC 08/29/14 | JS | AS |
| B | 12389 | SEE ECN | RA, 12/09/15 | Em | LW |

1 CABLE LENGTH TOLERANCE

| | |
|----------------|------------|
| ≤1FT | +1/ -0 IN |
| >1 FT - 5 FT | +2/ -0 IN |
| > 5 FT - 10 FT | +4/ -0 IN |
| >10 FT - 25FT | +6 / -0 IN |
| >25 FT | +5% / -0% |

| SINGLE CONDUCTOR LOW NOISE CABLE | |
|----------------------------------|----------------------------------------------------------------|
| AWG | 30-7/38 NICKEL PLATED COPPER |
| TEMP | 200 DEG C WIRE RATED |
| VOLTAGE | 600 VOLTS |
| CONDUCTOR INSULATION | EXTRUDED PTFE, CLEAR, Ø.032 NOM. |
| LOW NOISE WRAP #1 & #2 | CARBON TAPE |
| SHIELD | 38 AWG SILVER PLATED COPPER BRAID, 85% MIN COVERAGE, Ø.050 NOM |
| JACKET | RED PTFE WRAP |
| DIAMETER | Ø.073 NOM. |



SCHEMATIC DIAGRAM

- 3. MAXIMUM COUPLING TORQUE: 8 LB-IN.
- 2. OPERATING TEMPERATURE: -67°F (-55°C) TO 392°F (200°C).

1 MODEL NO. 6418AXX. XX DENOTES FEET IN LENGTH.

NOTES: UNLESS OTHERWISE SPECIFIED

| UNLESS OTHERWISE SPECIFIED: INTERPRET DIM & TOL PER ASME Y14.5M - 1994. REMOVE BURRS. COUNTERSINK INTERNAL THDS 90° TO MAJOR DIA. CHAM EXT THDS 45° TO MINOR DIA. THD LENGTHS AND DEPTHS ARE FOR MIN FULL THDS. DIMENSIONS APPLY AFTER FINISHING. | | UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS .XX ±.01 .XXX ±.005 | | ANGLES ±1° | | <p>Chatsworth, CA</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------|-----|------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|------------|-----|----------|-----|----|----------|-----|----|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------|--|----------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|--------|-----|---|-------|-----------|
| <table border="1"> <thead> <tr> <th colspan="2">APPROVALS</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>NDC</td> <td>08/26/14</td> </tr> <tr> <td>DESIGN</td> <td>RT</td> <td>08/25/14</td> </tr> <tr> <td>CHK</td> <td>JS</td> <td>08/27/14</td> </tr> <tr> <td>APP</td> <td>AS</td> <td>09/03/14</td> </tr> </tbody> </table> | | APPROVALS | | DATE | DRAWN | | NDC | 08/26/14 | DESIGN | RT | 08/25/14 | CHK | JS | 08/27/14 | APP | AS | 09/03/14 | <table border="1"> <thead> <tr> <th colspan="2">TITLE:</th> </tr> </thead> <tbody> <tr> <td colspan="2">OUTLINE/INSTALLATION DRAWING, CABLE, LOW-NOISE, LOW OUT GASSING, 10-32 TO 10-32, MODEL 6418A</td> </tr> </tbody> </table> | | TITLE: | | OUTLINE/INSTALLATION DRAWING, CABLE, LOW-NOISE, LOW OUT GASSING, 10-32 TO 10-32, MODEL 6418A | | <table border="1"> <thead> <tr> <th>SIZE</th> <th>CAGE CODE</th> <th>DWG NO</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>2W033</td> <td>127-6418A</td> <td>B</td> </tr> </tbody> </table> | SIZE | CAGE CODE | DWG NO | REV | B | 2W033 | 127-6418A |
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| B | 2W033 | 127-6418A | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALL MACHINED SURFACES. TOTAL RUNOUT WITHIN .005. BREAK SHARP EDGES .005 TO .010. MACHINED FILLET RADII .005 TO .015. WELDING SYMBOLS PER AWS A2.4. ABBREVIATIONS PER MIL-STD-12. | | DO NOT SCALE DRAWING | | | | <table border="1"> <thead> <tr> <th>SCALE:</th> <th>PART NO:</th> <th>SHEET 1 OF</th> </tr> </thead> <tbody> <tr> <td>1:2</td> <td>6418AXX</td> <td>1</td> </tr> </tbody> </table> | SCALE: | PART NO: | SHEET 1 OF | 1:2 | 6418AXX | 1 | | | | | | | | | | | | | | | | | | | |
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