

FO01903 Cable Connection Unit

PARTS LIST

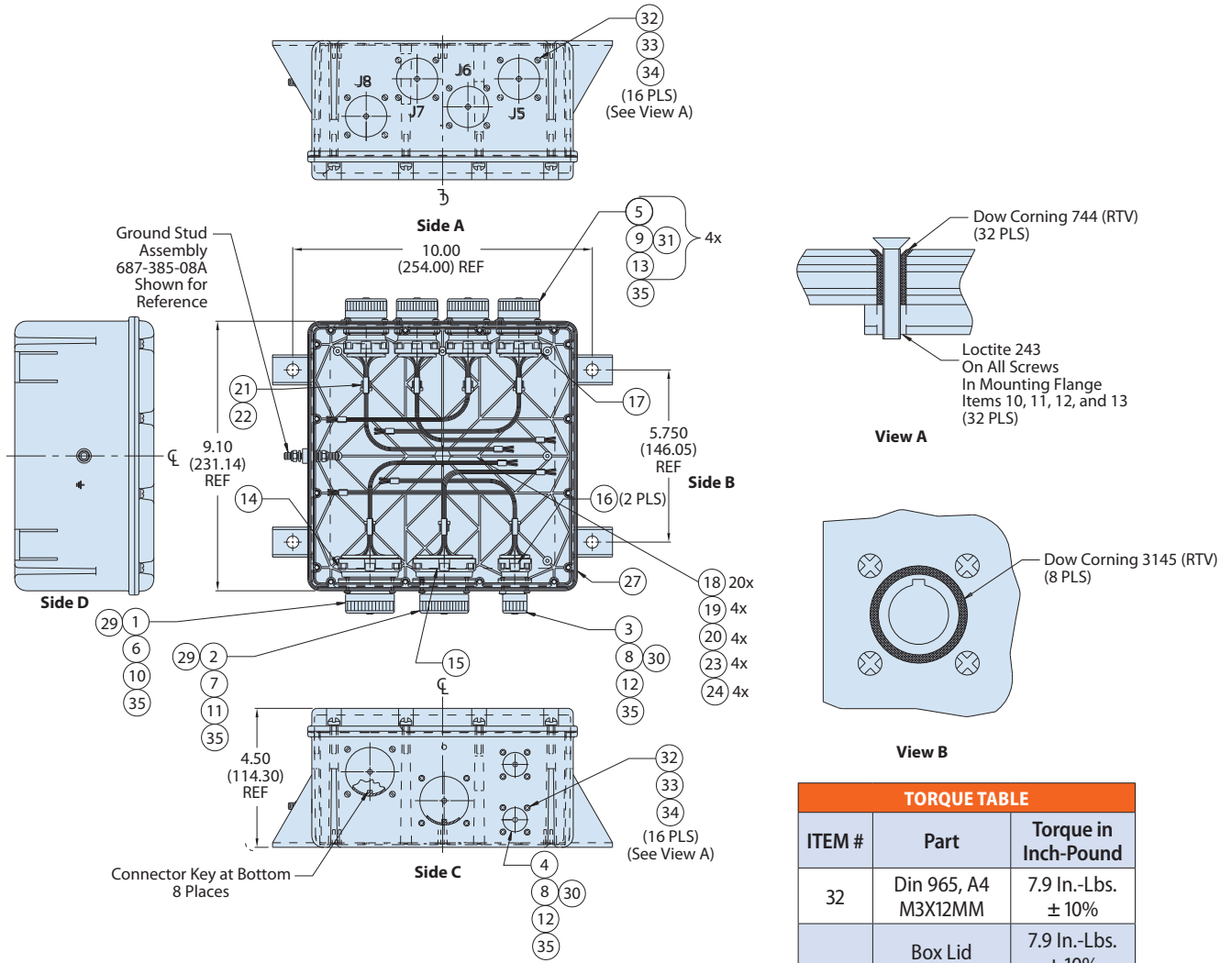
| Qty | Part Number | Description | Item |
|-----|--|----------------------------|------|
| 1 | S-3902 or Equivalent | Silica Gel Packet | 37 |
| 1 | S-3949 or Equivalent | ESD Bag | 36 |
| A/R | RTV 3145 | Sealant | 35 |
| A/R | Loctite 243 | Thread Sealer | 34 |
| A/R | RTV 744 or Dowsil 3145 | Sealant | 33 |
| 32 | 2709103012 or Equivalent | Din 965, A4, M3X12MM | 32 |
| 4 | 930-001B11 | Gasket, #21, Conductive | 31 |
| 2 | 930-001B04 | Gasket, #11, Conductive | 30 |
| 2 | 930-001B14 | Gasket, #25, Conductive | 29 |
| x | Deleted | Deleted | 28 |
| 1 | 140G103XMS-0038 | Box, Composite | 27 |
| x | Deleted | Deleted | 26 |
| x | Deleted | Deleted | 25 |
| 4 | FA07856 | Subassembly | 24 |
| 4 | FA07849 | Subassembly | 23 |
| A/R | 602-1R, (M46852 TYII) | Silicon Tape, .XXX" x 1.0" | 22 |
| 8 | ACS1 | Qwik TY Pad | 21 |
| 4 | FA07848 | Subassembly | 20 |
| 4 | FA07847 | Subassembly | 19 |
| 20 | FA07846 | Subassembly | 18 |
| 4 | 450HS030XW21 | Strain Relief, J5-J8 | 17 |
| 2 | 450HS030XW11 | Strain Relief, J3-J4 | 16 |
| 1 | 450HS030XW25 | Strain Relief, J2 | 15 |
| 1 | 450HS030XW25 | Strain Relief, J1 | 14 |
| 4 | FSM1-210106 (Alt: 487-00922AEAP) | Mounting Flange, J5-J8 | 13 |
| 2 | FSM1-110106 (Alt: 487-00912AEAP) | Mounting Flange, J3-J4 | 12 |
| 1 | FSM1-250106 (Alt: 487-00925AEAP) | Mounting Flange, J2 | 11 |
| 1 | FSM1-250106 (Alt: 487-00925AEAP) | Mounting Flange, J1 | 10 |
| 4 | 660-050XW21N | Protective Cover, J5-J8 | 9 |
| 2 | 660-050XO11N | Protective Cover, J3-J4 | 8 |
| 1 | 660-050XO25N | Protective Cover, J2 | 7 |
| 1 | 660-050XW25N | Protective Cover, J1 | 6 |
| 4 | 180-060XWH7-21-16SN | Connector, Recpt. J5-J8 | 5 |
| 1 | JVS00A1135SN (Alt: 233-205-00AB11-35SN) | Connector, Recpt. J4 | 4 |
| 1 | JVS00A1135PN (Alt: 233-205-00AB11-35PN) | Connector, Recpt. J3 | 3 |
| 1 | JVS00A2524PN (Alt: 233-205-00AB25-24PN) | Connector, Recpt. J2 | 2 |
| 1 | 180-060XWH7-25-29PN | Connector, Recpt. J1 | 1 |

NOTES

- Mark all reference designators as shown on Side A, Side C, and Side D.
- Mark Side B of the box as shown below:
FO01903 REV. (X)
Cage Code 18863
N (XXXX)
- Optical and electrical performance and final inspection: All testing and final inspection shall be performed per AQS-A013-F.
- Unless otherwise specified, all electrical wires are 20 AWG. Note: J3 and J4 connector will require the wires to be spliced down to a #22.
- Bonding resistance between the ground stud and plating shall not exceed 4.3 milliohms when measured per acceptance test plan AQS-A013-F. Bonding resistance between any connector housing and plating shall not exceed 7.5 milliohms when measured per acceptance test plan AQS-A013-F. No changes shall be made without KDA approval via form BLA-6167.

FIBER OPTICS Junction Box Capability

F001903 Cable Connection Unit



| TORQUE TABLE | | |
|--------------|---------------------|----------------------|
| ITEM # | Part | Torque in Inch-Pound |
| 32 | Din 965, A4 M3X12MM | 7.9 In.-Lbs. ± 10% |
| | Box Lid | 7.9 In.-Lbs. ± 10% |
| | Ground Stud | 200 In.-Lbs. ± 10% |