

4

3

2

1

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LOC

DIST

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |
|   |     |             |      |     |      |

D

C

B

A

REPLACED BY OCEAN STYLE APPLICATOR PART NUMBER

FOR REPLACEMENT PARTS FOR APPLICATOR REFER TO ADDITIONAL PAGE(S). SPARE PARTS KIT (IF LISTED) WILL REMAIN AVAILABLE.

THE REPLACEMENT OCEAN STYLE APPLICATOR HAS THE SAME TERMINATOR/PRESS INTERFACE AS APPLICATOR

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:



TOLERANCES UNLESS OTHERWISE SPECIFIED:

|        |   |
|--------|---|
| 0 PLC  | ± |
| 1 PLC  | ± |
| 2 PLC  | ± |
| 3 PLC  | ± |
| 4 PLC  | ± |
| ANGLES | ± |

MATERIAL

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

TE Connectivity

NAME

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

C-

SCALE

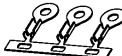
SHEET OF

REV

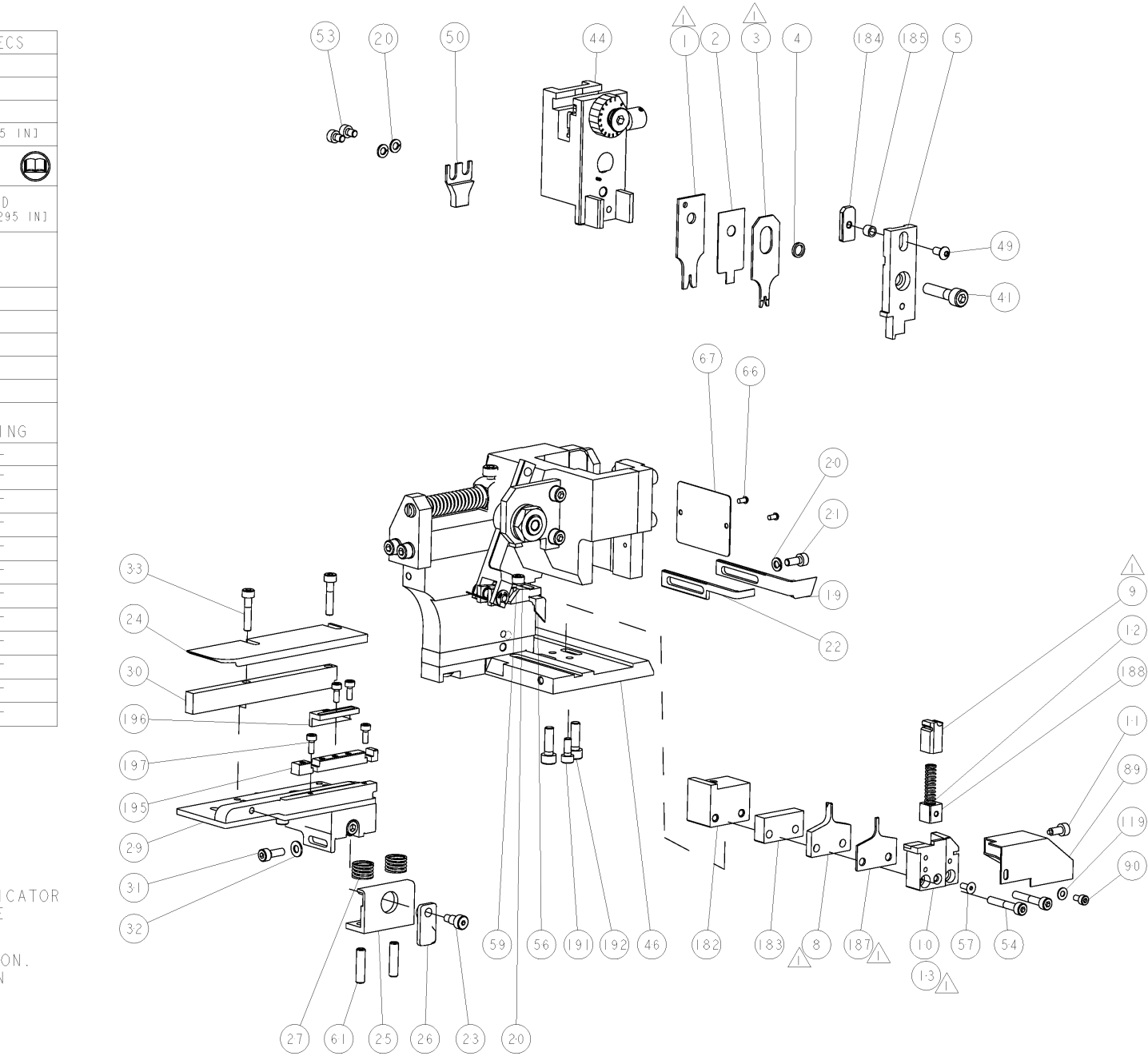
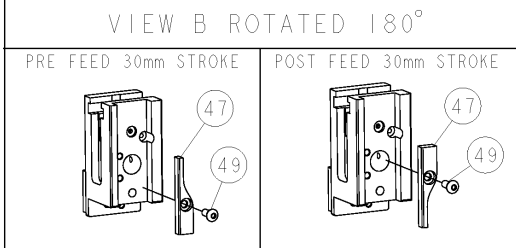
1470-19 (3/11)

Pro/ENGINEER DRAWING

|                                                       |  |     |            |                          |                    |  |  |
|-------------------------------------------------------|--|-----|------------|--------------------------|--------------------|--|--|
| 8                                                     |  |     |            | 7                        |                    |  |  |
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| PART NUMBER                                           |  | REV | TERMINATOR | FEED TYPE                | DESCRIPTION        |  |  |
| 2014813-1                                             |  | F   | LEADMAKER  | MECH POST FEED           | CUTS CARRIER       |  |  |
| 2014813-2                                             |  | F   | BENCH      | MECH PRE FEED            | CUTS CARRIER       |  |  |
| 2014813-6                                             |  | F   | LEADMAKER  | MECH POST FEED           | CONTINUOUS CARRIER |  |  |
| 7-2014813-1                                           |  | F   | LEADMAKER  | MECH POST FEED           | -1 AND SPARE PARTS |  |  |
| 7-2014813-2                                           |  | F   | BENCH      | MECH PRE FEED            | -2 AND SPARE PARTS |  |  |
| 7-2014813-6                                           |  | F   | LEADMAKER  | MECH POST FEED           | -6 AND SPARE PARTS |  |  |
| 7-2014813-7                                           |  | F   | -          | -                        | SPARE PARTS KIT    |  |  |

|                                                                                                                                                                               |                                                                                                |                                                                                   |                                                                                   |                                                                                                                 |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|
| CRIMP DATA                                                                                                                                                                    |                                                                                                | TE TERMINAL                                                                       |                                                                                   | TE CRIMP SPECS                                                                                                  |                 |
| TERMINAL NAME: 2.5mm PITCH SIGNAL MATE CONTACT                                                                                                                                |                                                                                                |                                                                                   |                                                                                   |                                                                                                                 |                 |
| CRIMP                                                                                                                                                                         | SIZE                                                                                           | TYPE                                                                              | RANGE                                                                             |                                                                                                                 |                 |
| WIRE                                                                                                                                                                          | 1.16 [0.046 IN]                                                                                | F                                                                                 | 0.12-0.38mm <sup>2</sup>                                                          |                                                                                                                 |                 |
| INSUL                                                                                                                                                                         | 1.78 [0.070 IN]                                                                                | F                                                                                 | 1.20-1.90mm [0.047-0.075 IN]                                                      |                                                                                                                 |                 |
| WIRE STRIP LENGTH<br>1.60-2.20mm [0.063-0.087 IN]                                                                                                                             |                                                                                                |  |                                                                                   | APPL INSTRUCTIONS<br>412-5724  |                 |
| TERMINAL 114-5286(A)                                                                                                                                                          |                                                                                                | -                                                                                 |  |                                                                                                                 | FEED            |
| APPL SPEC 114-5451(B)                                                                                                                                                         |                                                                                                | -                                                                                 |                                                                                   |                                                                                                                 | 7.50 [0.295 IN] |
| TERMINALS APPLIED                                                                                                                                                             |                                                                                                |                                                                                   |  |                                                                                                                 |                 |
| TE                                                                                                                                                                            | -                                                                                              | -                                                                                 | -                                                                                 | -                                                                                                               | -               |
| 1376476(A)                                                                                                                                                                    | -                                                                                              | -                                                                                 | -                                                                                 | -                                                                                                               | -               |
| 2069337-1(B)                                                                                                                                                                  | -                                                                                              | -                                                                                 | -                                                                                 | -                                                                                                               | -               |
| -                                                                                                                                                                             | -                                                                                              | -                                                                                 | -                                                                                 | -                                                                                                               | -               |
| -                                                                                                                                                                             | -                                                                                              | -                                                                                 | -                                                                                 | -                                                                                                               | -               |
| WIRE SIZE   | CRIMP HEIGHT  |                                                                                   |                                                                                   | REF SETTING                                                                                                     |                 |
| 0.31-0.38(22AWG)                                                                                                                                                              | 0.82 +0.050/-0.050[0.032 +0.002/-0.002 IN]                                                     |                                                                                   |                                                                                   | -                                                                                                               |                 |
| 0.21-0.23(24AWG)                                                                                                                                                              | 0.75 +0.050/-0.050[0.030 +0.002/-0.002 IN]                                                     |                                                                                   |                                                                                   | -                                                                                                               |                 |
| 0.12-0.15(26AWG)                                                                                                                                                              | 0.69 +0.050/-0.050[0.027 +0.002/-0.002 IN]                                                     |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |
| -                                                                                                                                                                             | -                                                                                              |                                                                                   |                                                                                   | -                                                                                                               |                 |

- ⚠ RECOMMENDED SPARE PARTS.
2. LUBRICATE AND GREASE PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.
3. CERTAIN TERMINALS REQUIRE LUBRICATION. REFER TO THE APPLICATOR INSTRUCTION SHEET FOR MORE INFORMATION.



|     |     |     |     |    |    |    |     |             |                                  |         |
|-----|-----|-----|-----|----|----|----|-----|-------------|----------------------------------|---------|
| -   | 4   | 4   | 4   | 4  | 4  | 4  | -   | 18023-3     | SCR, SKT HD CAP M3 X 8.0         | 197     |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1762991-1   | PLATE, STROKE ADJ                | 196     |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1762992-1   | FRONT, STRIP GUIDE               | 195     |
| -   | 2   | 2   | 2   | 2  | 2  | 2  | -   | 2-18023-0   | SCR, SKT HD CAP M5 X 16.0        | 192     |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1-18023-1   | SCR, SKT HD CAP M4 X 10.0        | 191     |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1762301-1   | SUPPORT, SPRING                  | 188     |
| 1   | 2   | 2   | 2   | 1  | 1  | 1  | -   | 1999974-4   | INSULATION ANVIL, SIDE FEED      | 187     |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1891652-1   | COLLAR, INS BLOCK                | 185     |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1891650-1   | BLOCK, INS CRIMPER               | 184     |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1-1762328-7 | SPACER, ANVIL                    | 183     |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 2014170-1   | BLOCK, LOWER TOOL                | 182     |
| -   | -   | 1   | 1   | -  | 1  | 1  | -   | 18027-1     | WASHER, FLAT, REG M3             | 119     |
| -   | -   | 1   | 1   | -  | 1  | 1  | -   | 18023-2     | SCR, SKT HD CAP M3 X 6.0         | 90      |
| -   | -   | 1   | 1   | -  | 1  | 1  | -   | 1999035-3   | GUARD, CHIP                      | 89      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1338705-6   | DOCUMENTATION PACKAGE            | 71      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1999134-1   | DATA PLATE, APPL, HD-E           | 67      |
| -   | 2   | 2   | 2   | 2  | 2  | 2  | -   | 21017-2     | SCREW, DRIVE                     | 66      |
| -   | 2   | 2   | 2   | 2  | 2  | 2  | -   | 2-18031-8   | SCR, SET, CUP POINT M5 X 20.0    | 61      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1-18023-0   | SCR, SKT HD CAP M4 X 8.0         | 59      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 985575-2    | SCR, FLT SKT HD CAP M3 X 8.0     | 57      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1999075-1   | FEED, PAWL                       | 56      |
| -   | 2   | 2   | 2   | 2  | 2  | 2  | -   | 1-18023-5   | SCR, SKT HD CAP M4 X 25.0        | 54      |
| -   | 2   | 2   | 2   | 2  | 2  | 2  | -   | 18023-9     | SCR, SKT HD CAP M4 X 6.0         | 53      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 2-690518-6  | HOLD DOWN, TERMINAL              | 50      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 18024-6     | SCR, BTN SKT HD CAP (M4 X 8.0)   | 49      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 18024-7     | SCR, BTN SKT HD CAP (M4 X 10.0)  | 49      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1673986-1   | CAM FEED 30MM(PRE/POST)          | 47      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1552100-2   | APPLICATOR SUBASSEMBLY, SF HDE   | 46      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1552102-1   | RAM SUBASSEMBLY, HDE SF          | 44      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 3-18023-0   | SCR, SKT HD CAP M6 X 25.0        | 41      |
| -   | 2   | 2   | 2   | 2  | 2  | 2  | -   | 1-18023-4   | SCR, SKT HD CAP M4 X 20.0        | 33      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 18027-2     | WASHER, FLAT, REG M4             | 32      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1-18023-2   | SCR, SKT HD CAP M4 X 12.0        | 31      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1-1320908-5 | SPACER, STRIP GUIDE              | 30      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1552112-1   | STRIP GUIDE ASSEMBLY, HDE        | 29      |
| -   | 2   | 2   | 2   | 2  | 2  | 2  | -   | 1-22284-0   | SPRING, COMPRESSION              | 27      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 356835-1    | LEVER, DRAG RELEASE              | 26      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 240792-1    | DRAG, TERMINAL                   | 25      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1320928-1   | PLATE, STRIP GUIDE               | 24      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 980371-4    | SCR, SKT HD SHLDR 5.0 DIA X 6.0  | 23      |
| -   | 1   | -   | 1   | 1  | -  | 1  | -   | 918704-9    | STRIPPER                         | 22      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1-18023-1   | SCR, SKT HD CAP M4 X 10.0        | 21      |
| -   | 4   | 4   | 4   | 4  | 4  | 4  | -   | 18025-2     | WASHER, SPRG LOCK, REG M4        | 20      |
| -   | -   | 1   | -   | -  | 1  | -  | -   | 1-724942-9  | STRIPPER                         | 19      |
| -   | 1   | -   | -   | 1  | -  | -  | -   | 2047233-2   | SHEAR HOLDER, FRONT (NO CUTTING) | 13      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 3-22280-3   | SPRING, COMPRESSION              | 12      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1729602-1   | STOP, SHEAR                      | 11      |
| -   | -   | 1   | 1   | -  | 1  | 1  | -   | 2047231-2   | SHEAR HOLDER, FRONT              | 10      |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 462006-1    | FLOATING SHEAR, FRONT            | 9       |
| 1   | 2   | 2   | 2   | 1  | 1  | 1  | -   | 1552651-2   | WIRE, ANVIL SIDE FEED            | 8       |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1762981-1   | DEPRESSOR, SHEAR                 | 5       |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 3-1891658-8 | CRIMPER, COLLAR                  | 4       |
| 1   | 2   | 2   | 2   | 1  | 1  | 1  | -   | 1999878-1   | INSULATION CRIMPER               | 3       |
| -   | 1   | 1   | 1   | 1  | 1  | 1  | -   | 1891947-4   | SPACER, CRIMPER                  | 2       |
| 1   | 2   | 2   | 2   | 1  | 1  | 1  | -   | 2014789-2   | WIRE CRIMPER                     | 1       |
| -77 | -76 | -72 | -71 | -6 | -2 | -1 | U/M | PART NO     | DESCRIPTION                      | ITEM NO |

|                |  |                                        |  |                        |  |                      |  |                     |  |                                |  |               |  |               |  |               |  |
|----------------|--|----------------------------------------|--|------------------------|--|----------------------|--|---------------------|--|--------------------------------|--|---------------|--|---------------|--|---------------|--|
| DIMENSIONS: mm |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | DWN L. ZHANG 10SEP2008 |  | CHK S. ZOU 10SEP2008 |  | APVD S. X 10SEP2008 |  | NAME HDE APPLICATOR, SIDE FEED |  | SIZE 3.5      |  | SHEET 1 OF 1  |  | REV F         |  |
| 9 PLC ±0.1     |  | 10 PLC ±0.01                           |  | 11 PLC ±0.001          |  | 12 PLC ±0.001        |  | 13 PLC ±0.001       |  | 14 PLC ±0.001                  |  | 15 PLC ±0.001 |  | 16 PLC ±0.001 |  | 17 PLC ±0.001 |  |
| MATERIAL       |  | FINISH                                 |  | WEIGHT                 |  | CUSTOMER DRAWING     |  | SCALE               |  | RESTRICTED TO                  |  | DATE          |  | OWN           |  | APVD          |  |

## Данный компонент на территории Российской Федерации

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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