

Technical drawing of a cable connector, showing multiple views (A, B, C, D, E, F, G, H, J, K, L, M) and a detailed cross-section (A-A). The drawing includes dimensions, material specifications, and a table of part numbers and dimensions.

**SYMBOL DEFINITION**

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

**TOTAL NO. OF INSPECTIONS REQUIRED**

37

**LAST NO. USED**

15

**MISSING SYMBOLS**

NO MISSING SYMBOL NUMBER

**DATE**

12JN18

**STG**

R

**REV**

01

**NVP**

-

**GHB**

-

**ZONE**

A13 B13

**REVISION HISTORY**

CREATED PART DRAWING

**AUTH**

440146

**DR**

WZM

**APVD**

TY

**APV2**

WZM

**ADDED PART NUMBER**

3566789 AND 35665775

**447992**

**VA**

DY

**TY**

TY

**SECTION A-A**

2X 25 ±0.25

2X 1.3

5.8 ±0.2

2X 11

2X ALL AROUND SEALING RIBS MUST BE FREE OF SINKS, VOIDS, KNIT LINES AND FLASH FOR SEALING TOOLING FINISH OF VD1-15 (Ra=0.3 MICRONS MAX.)

4X 10

4X DIM. A

4X 9

4X DIM. B

**SECTION B-B**

2X 17.8 ±0.25

3X 1.25 ±0.1

3X 6

3X ALL AROUND SEALING RIBS MUST BE FREE OF SINKS, VOIDS, KNIT LINES AND FLASH FOR SEALING TOOLING FINISH OF VD1-15 (Ra=0.3 MICRONS MAX.)

2X 7

2X ALL AROUND SEALING RIBS MUST BE FREE OF SINKS, VOIDS, KNIT LINES AND FLASH FOR SEALING TOOLING FINISH OF VD1-15 (Ra=0.3 MICRONS MAX.)

**NOTES:**

- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED: DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
- THIS PART TYPICAL USED IN ASSEMBLY DRAWING: 35214364.
- THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEWISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER EANP\_4-3\_CS\_01-EN.
- THIS PART REQUIRES POST CURE (4 HOURS AT 200° C).
- NO REGRIND, EXCEPTION OF APTIV ENGINEERING APPROVAL.
- PARTS ARE TO BE PACKAGED IN SEALED BAG.

**TABLE:**

| PART NO  | REV | MATERIAL | DIM. A      | DIM. B        | M-Spec & COLOR | CABEL SIZE | VOLUME CM³ |
|----------|-----|----------|-------------|---------------|----------------|------------|------------|
| 35665789 | 01  | SILICONE | Ø 2.7 ± 0.1 | Ø 5.10 ± 0.15 | M5876004-RED   | M6488-3mm² | 2.120      |
| 35665775 | 01  | SILICONE | Ø 3.1 ± 0.1 | Ø 5.50 ± 0.15 | M5876016-BLUE  | M6488-4mm² | 2.091      |
| 35230975 | 01  | SILICONE | Ø 3.6 ± 0.1 | Ø 6.00 ± 0.15 | M5876007-GREEN | JASO-3mm²  | 2.044      |
| 35240442 | 01  | SILICONE | Ø 2.7 ± 0.1 | Ø 5.10 ± 0.15 | M5876004-RED   | M6488-3mm² | 2.120      |
| 35230976 | 01  | SILICONE | Ø 3.1 ± 0.1 | Ø 5.50 ± 0.15 | M5876016-BLUE  | M6488-4mm² | 2.091      |
| 35206307 | 01  | SILICONE | Ø 4.0 ± 0.1 | Ø 6.40 ± 0.15 | M5876003-GRAY  | M6488-5mm² | 2.014      |

**CONNECTION SYSTEMS**

**APTIV**

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**DATE**

12JN18

**DR**

WENZHEN MA

**APVD1**

TIMON TU

**APVD2**

WENZHEN MA

**APVD3**

WENZHEN MA

**APVD4**

WENZHEN MA

**APVD5**

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