

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 materials.

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

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APVD3

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APVD4

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