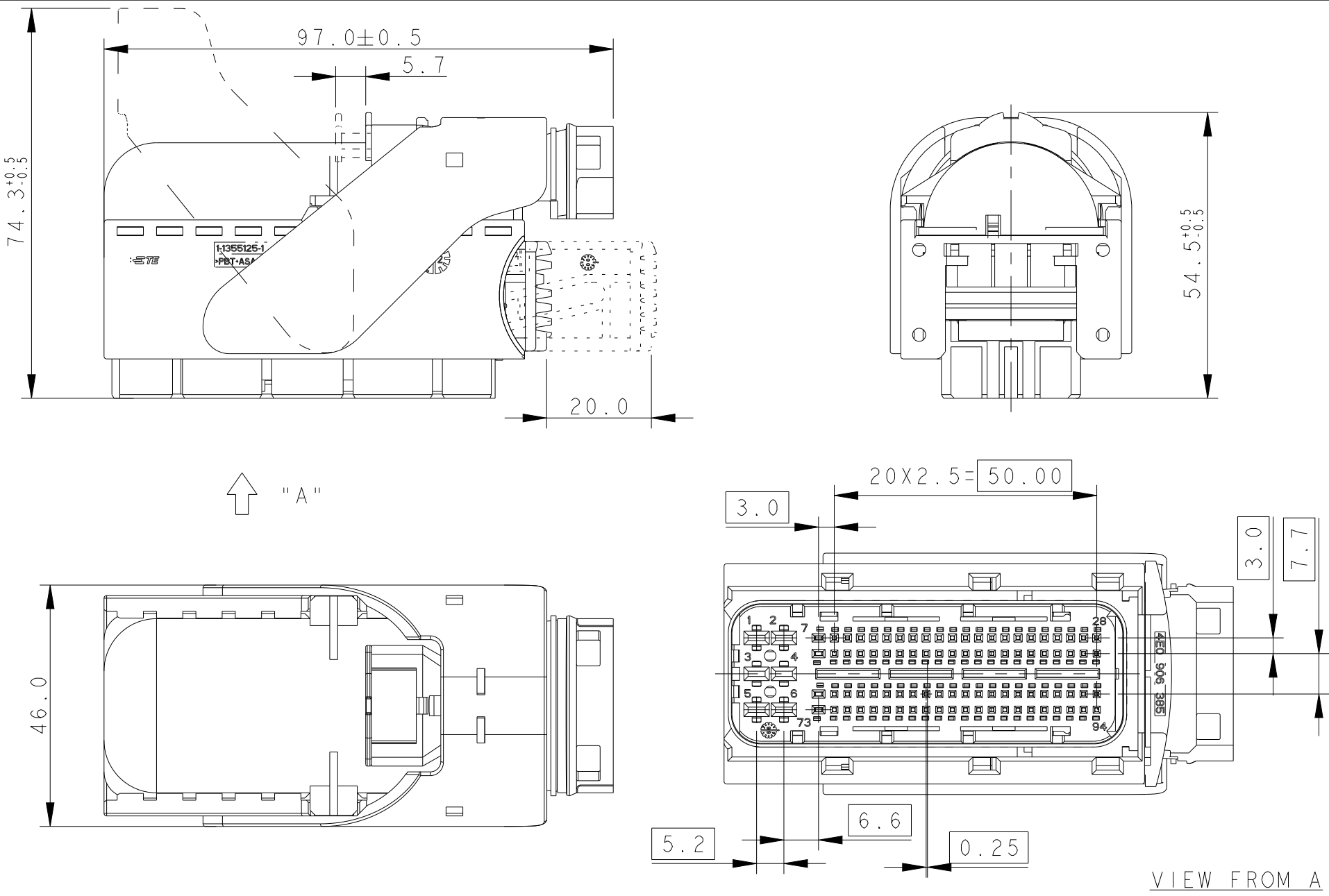
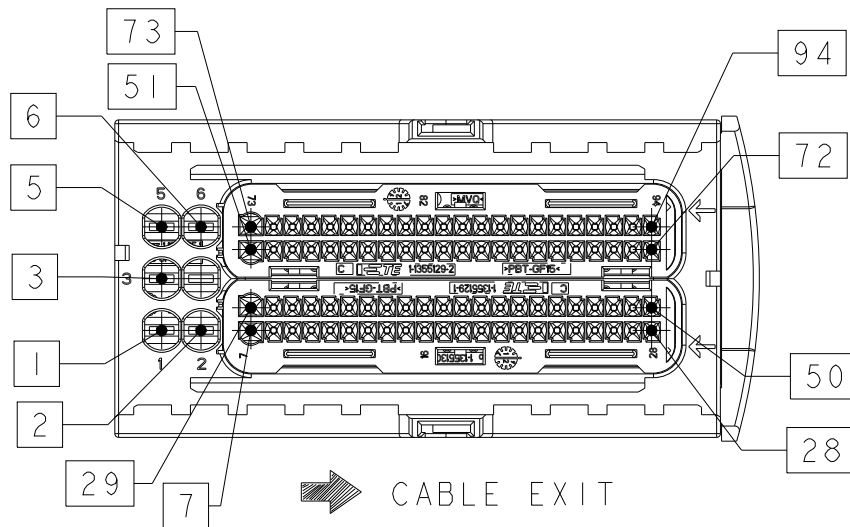


CONNECTOR OVERALL DIMENSIONS WITH COVER KIT AND LEVER ASSEMBLED



VIEW FROM WIRE INSERTION SIDE



CAVITIES POSITION

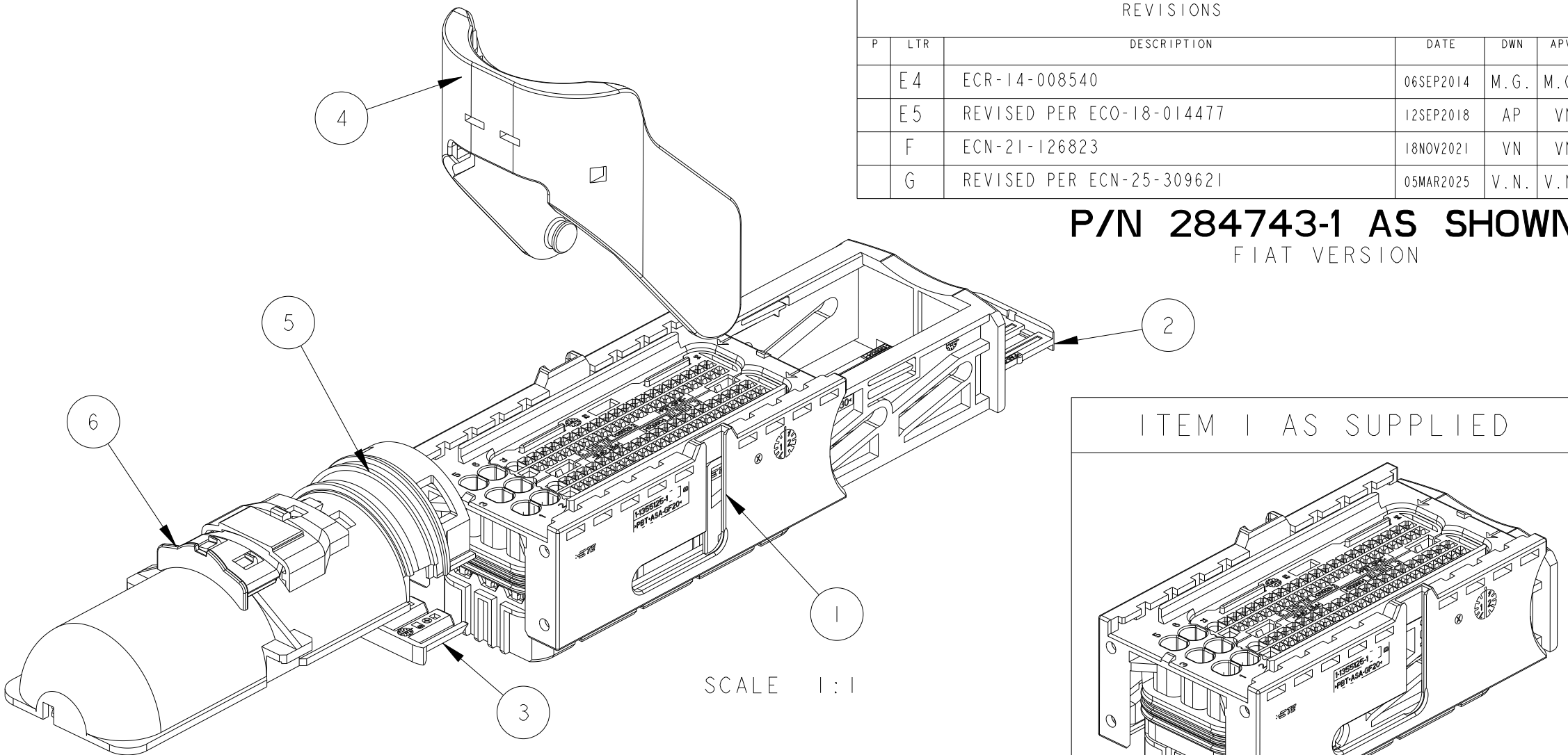
| CONTACT P/N                 | POSITION                                 |
|-----------------------------|------------------------------------------|
| 968220-1<br>&<br>968221-1   | 8 to 28; 30 to 50;<br>52 to 72; 74 to 94 |
| 1452158-1<br>&<br>1241608-1 | 7, 29, 51, 73                            |
| 1241394-1<br>&<br>1241396-1 | 1 to 6                                   |

| -                    | 1                    | PA6.6 GF30                                                | YELLOW                                                                       | C.P.A.                  | 6    |
|----------------------|----------------------|-----------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|------|
| 1                    | 1                    | PA6.6 GF13                                                | BLACK                                                                        | COVER                   | 5    |
| 1                    | 1                    | PA6.6 GF30                                                | BLACK                                                                        | LEVER                   | 4    |
| 1                    | 1                    | PA6 GF30                                                  | VIOLET                                                                       | SECONDARY LOCK 6 POSN.  | 3    |
| 1                    | 1                    | PA6 GF30                                                  | VIOLET                                                                       | SECONDARY LOCK 88 POSN. | 2    |
| 1                    | 1                    | PBT+ASA-GF20/PA66 GF30<br>PBT GF15 / PA66 GF25<br>SILICON | BLACK/LIGHT BROWN:HOUSING<br>YELLOW:PERIPHERAL SEAL<br>RED-BROWN:FAMILY SEAL | CARRIER HSG.            | 1    |
| QTY.                 | QTY.                 | MATERIALS                                                 | COLOURS                                                                      | DESCRIPTION             | ITEM |
| 284743-2<br>(NOTE 6) | 284743-1<br>(NOTE 5) | PART-NO.                                                  |                                                                              |                         |      |
| G                    | G                    | REV                                                       |                                                                              |                         |      |

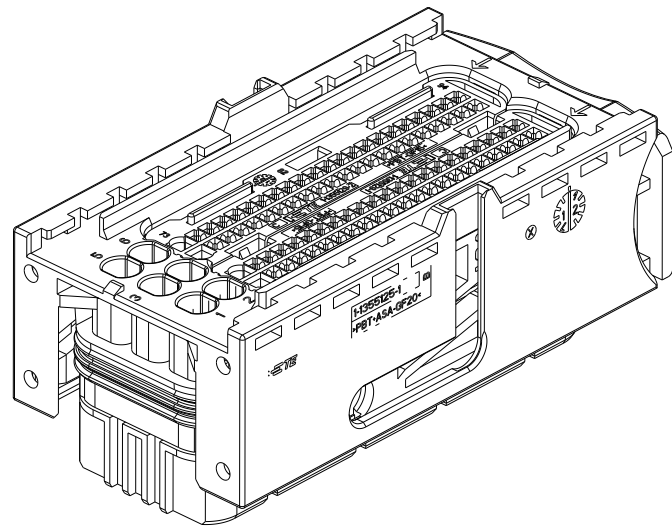
REVISIONS

| P  | LTR | DESCRIPTION               | DATE      | DWN  | APVD |
|----|-----|---------------------------|-----------|------|------|
| E4 |     | ECR-14-008540             | 06SEP2014 | M.G. | M.G. |
| E5 |     | REVISED PER ECO-18-014477 | 12SEP2018 | AP   | VN   |
| F  |     | ECN-21-126823             | 18NOV2021 | VN   | VN   |
| G  |     | REVISED PER ECN-25-309621 | 05MAR2025 | V.N. | V.N. |

P/N 284743-1 AS SHOWN  
FIAT VERSION



ITEM 1 AS SUPPLIED



- 1) CONNECTOR IS SUITABLE TO BE MATED WITH COUNTERPART P/N 284617-1
- 2) CONNECTOR CAVITIES ARE SUITABLE FOR CONTACTS:
- 0.64 MQS Clean Body contact WSR 0.35±0.50 mm<sup>2</sup> P/N 1703296-1 (FIAT restricted version)  
(Minimum insulation diameter: 1.2 mm; Maximum isolation diameter: 1.6 mm)
  - 0.64 MQS Clean Body contact WSR 0.35 mm<sup>2</sup> P/N 968220-1  
(Minimum insulation diameter 1.2 mm; Maximum isolation diameter: 1.3 mm)
  - 0.64 MQS Clean Body contact WSR 0.75 mm<sup>2</sup> P/N 1703298-1 (FIAT restricted version)  
(Minimum insulation diameter 1.7 mm; Maximum isolation diameter: 1.9 mm)
  - 0.64 MQS Clean Body contact WSR 0.50±0.75 mm<sup>2</sup> P/N 968221-1  
(Minimum insulation diameter 1.4 mm; Maximum isolation diameter: 1.9 mm)
  - 1.5 MQS Clean Body contact WSR 0.50 mm<sup>2</sup> P/N 1452158-1  
(Minimum insulation diameter 1.4 mm; Maximum isolation diameter: 1.6 mm)
  - 1.5 MQS Clean Body contact WSR 0.75±1.50 mm<sup>2</sup> P/N 1241608-1  
(Minimum insulation diameter 1.7 mm; Maximum isolation diameter: 2.4 mm)
  - 2.8K MCP Contacts SWS, WSR 0.35 mm<sup>2</sup> P/N 1241392-1  
(Minimum insulation diameter 1.2 mm; Maximum isolation diameter: 1.3 mm)
  - 2.8K MCP Contacts SWS, WSR 0.5±1.0 mm<sup>2</sup> P/N 1241394-1  
(Minimum insulation diameter 1.4 mm; Maximum isolation diameter: 2.1 mm)
  - 2.8K MCP Contacts SWS, WSR > 1.0±2.5 mm<sup>2</sup> P/N 1241396-1  
(Minimum insulation diameter 2.0 mm; Maximum isolation diameter: 3.0 mm)

SINGLE WIRE SEAL FOR MCP 2.8K:  
P/N 963294-1 FOR WSR 0.35-1.0 mm<sup>2</sup>;  
P/N 963293-1 FOR WSR 1.5 mm<sup>2</sup>;  
P/N 963292-1 FOR WSR 2.5 mm<sup>2</sup>.

- 3) TO CLOSE UNUSED CAVITIES:
- P/N 284583-1 for MQS Clean Body contacts cavities
  - P/N 1394872-1 for 1.5 mm Clean Body contact cavities
  - P/N 828922-1 for 2.8K MCP contact cavities

- 4) ITEM 2, 3 AND 4 ARE SUPPLIED NOT ASSEMBLED IN THE SAME PACKAGE.
- 5) ITEMS 5 AND 6 ARE SUPPLIED PRE-ASSEMBLED, IN THE SAME PACKAGE.
- 6) ITEMS 5 IS SUPPLIED NOT ASSEMBLED IN THE SAME PACKAGE  
ITEM 6 IS NOT SUPPLIED

|                                        |                                        |                                     |                                                            |                 |              |
|----------------------------------------|----------------------------------------|-------------------------------------|------------------------------------------------------------|-----------------|--------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |                                        | DWN<br>D.BISETTI<br>CHK<br>O.CANUTO | 03OCT2001<br>03OCT2001                                     | TE Connectivity |              |
| DIMENSIONS:<br>mm                      | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD                                | PRODUCT SPEC<br>108-20235<br>APPLICATION SPEC<br>411-20067 |                 |              |
| MATERIAL                               | FINISH                                 | WEIGHT                              | CUSTOMER DRAWING                                           | SCALE 2:1       | SHEET 1 OF 1 |
| SEE TABLE                              | SEE TABLE                              |                                     |                                                            |                 | REV G        |