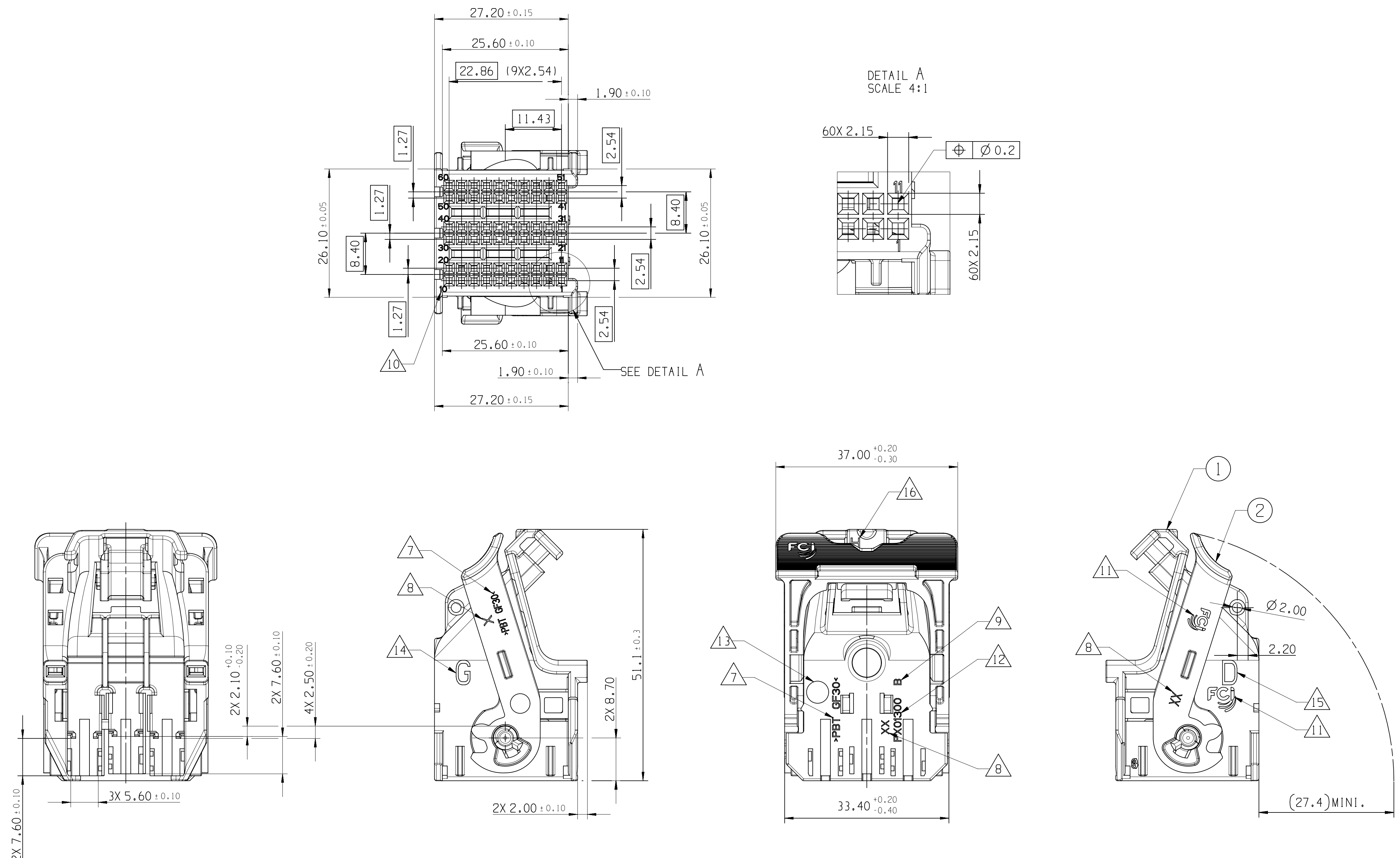


| MVL PART NUMBER | F001300 | F101300 | F201300 | F301300 |
|-------------------|---|-----------------------------|---|-----------------------------|
| MVL REVISION | B | B | B | B |
| APTIV PART NUMBER | 13854846 | 13854822 | 13854835 | 13854828 |
| DESIGNATION | 60W FEMALE CONNECTOR BLACK | 60W FEMALE CONNECTOR YELLOW | 60W FEMALE CONNECTOR BLUE | 60W FEMALE CONNECTOR BROWN |
| CONNECTOR CODING | | | | |
| CARRIER CODING | BROWN OR PURPLE CARRIER BLUE OR PURPLE CARRIER | WHITE OR PURPLE CARRIER | RED OR PURPLE CARRIER GREY OR PURPLE CARRIER | GREEN OR PURPLE CARRIER |

| 60WAY FEMALE CONNECTOR CODING | |
|--|--|
| F001300 60W FEMALE CONNECTOR BLACK | |
| F101300 60W FEMALE CONNECTOR YELLOW | |
| F201300 60W FEMALE CONNECTOR BLUE | |
| F301300 60W FEMALE CONNECTOR BROWN | |



| ASSOCIATED PARTS (FOR INFORMATION) | | |
|------------------------------------|---------|-----------|
| DESCRIPTION | MVL P/N | APTIV P/N |
| 20-WAY MODULE BROWN | F070300 | 13851312 |
| 20-WAY MODULE BLUE | F170300 | 13851311 |
| 20-WAY MODULE WHITE | F270300 | 13851310 |
| 20-WAY MODULE RED | F370300 | 13852932 |
| 20-WAY MODULE GREY | F470300 | 13852936 |
| 20-WAY MODULE GREEN | F570300 | 13852930 |
| 20-WAY MODULE VIOLET | F670300 | 33502230 |

| 60W FEMALE CONNECTOR | MVL P/N | APTIV P/N | DESCRIPTION | MVL P/N | MVL REV. | APTIV PART NUMBER | MATERIAL | COLOR | NO. |
|----------------------|---------|-----------|----------------|---------|----------|-------------------|-------------|--------|-----|
| BROWN | F301300 | 13854828 | FEMALE HOUSING | S490300 | A | 33508441 | PA 66 GF 30 | BROWN | 1 |
| | | | LEVER | S650300 | C | 33508499 | PA 66 GF 30 | GREY | 2 |
| BLUE | F201300 | 13854835 | FEMALE HOUSING | S390300 | A | 33507024 | PA 66 GF 30 | BLUE | 1 |
| | | | LEVER | S650300 | C | 33508499 | PA 66 GF 30 | GREY | 2 |
| YELLOW | F101300 | 13854822 | FEMALE HOUSING | S190300 | A | 33507023 | PA 66 GF 30 | YELLOW | 1 |
| | | | LEVER | S650300 | C | 33508499 | PA 66 GF 30 | GREY | 2 |
| BLACK | F001300 | 13854846 | FEMALE HOUSING | S090300 | A | 33507022 | PA 66 GF 30 | BLACK | 1 |
| | | | LEVER | S650300 | C | 33508499 | PA 66 GF 30 | GREY | 2 |

| NOTE | SPECIFICATIONS |
|------|---|
| 1 | FEMALE CONNECTOR ACCORDING TO APTIV SPECIFICATION; CAGE TBD |
| 2 | FEMALE CONNECTOR ACCORDING TO: -TEMPERATURE CLASS T2 -ENGINE VIBRATOR CLASS VI -SEALING CLASS E0 |
| 3 | USER'S MANUAL: PU113 |
| 4 | DELIVERY CONNECTOR WEIGHT : 11g |
| 5 | NO WAFER HINGE OR WAFER HINGE BROKEN ALLOWED |
| 6 | VISUAL DEFECTS ON NO FUNCTIONAL AREAS ALLOWED |
| △ | MATERIAL MARKING |
| △ | MOLD CAVITY NUMBER |
| △ | PART REVISION NUMBER |
| △ | WAY NUMBER |
| △ | SUPPLIER LOGO |
| △ | PART NUMBER |
| △ | DATE INSERT |
| △ | WIRING OUT INDICATION (LEFT) |
| △ | WIRING OUT INDICATION (RIGHT) |
| △ | WIRING OUT INDICATION (HIGH) |

| DWG STATUS | DATE | REV | BY | CHKD | ZONE | REVISION HISTORY | AUTH | DR | APVD 1 | APVD 2 | |
|------------|------|-----|----|------|------|------------------|------|----|--------|--------|-------|
| 11JAZ2 | R | 01 | | | | INITIAL RELEASE | | | P.BAL | J.LALU | J.WOI |

3D VIEW

SCALE 1:1

| GENERAL TOLERANCES ACCORDING TO: | GD&T ACCORDING TO: |
|----------------------------------|--------------------|
| SEE CHART | ISO 1101 |

| UNLESS OTHERWISE SPECIFIED | FIRST ANGLE PROJECTION |
|----------------------------|------------------------|
| | |

| DO NOT SCALE | USE MATH DATA |
|--------------|---------------|
| | |

| CHARIT E1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-----------------|----|----|----|----|-----|-----|-----|-----|-----|-----|-----------------|--|-------|------|------|------|------|------|------|----|------|
| <table border="1"> <tr> <th>DIM TO CHECK</th> <th>FROM</th> <th>> 0</th> <th>> 20</th> <th>> 30</th> <th>> 70</th> <th>> 100</th> <th>> 150</th> <th>> 200</th> <th>> 250</th> <th>> 300</th> </tr> <tr> <td>1) DIM FOR HELP</td> <td>TO</td> <td>20</td> <td>30</td> <td>70</td> <td>100</td> <td>150</td> <td>200</td> <td>250</td> <td>300</td> <td>400</td> </tr> <tr> <td>□ THEORETIC DIM</td> <td></td> <td>+0.15</td> <td>+0.2</td> <td>+0.3</td> <td>+0.4</td> <td>+0.5</td> <td>+0.6</td> <td>+0.8</td> <td>+1</td> <td>+1.2</td> </tr> </table> | DIM TO CHECK | FROM | > 0 | > 20 | > 30 | > 70 | > 100 | > 150 | > 200 | > 250 | > 300 | 1) DIM FOR HELP | TO | 20 | 30 | 70 | 100 | 150 | 200 | 250 | 300 | 400 | □ THEORETIC DIM | | +0.15 | +0.2 | +0.3 | +0.4 | +0.5 | +0.6 | +0.8 | +1 | +1.2 |
| DIM TO CHECK | FROM | > 0 | > 20 | > 30 | > 70 | > 100 | > 150 | > 200 | > 250 | > 300 | | | | | | | | | | | | | | | | | | | | | | | |
| 1) DIM FOR HELP | TO | 20 | 30 | 70 | 100 | 150 | 200 | 250 | 300 | 400 | | | | | | | | | | | | | | | | | | | | | | | |
| □ THEORETIC DIM | | +0.15 | +0.2 | +0.3 | +0.4 | +0.5 | +0.6 | +0.8 | +1 | +1.2 | | | | | | | | | | | | | | | | | | | | | | | |

| CHARIT E1 | | |
|---|-------------------|----|
| <table border="1"> <tr> <th>ANGULAR TOLERANCE</th> <th>2°</th> </tr> </table> | ANGULAR TOLERANCE | 2° |
| ANGULAR TOLERANCE | 2° | |

| DRAWING NUMBER | DRAWING NAME |
|----------------|----------------------|
| 13856931 | 60W FEMALE CONNECTOR |

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| DR | DATE |
|----------------|--------|
| P.BALAJI | 11JAZ2 |
| J.LALU | 11JAZ2 |
| MOINEAU JOHANN | 11JAZ2 |

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