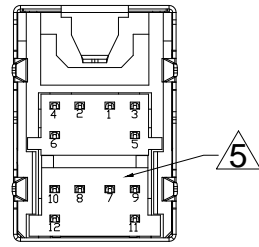
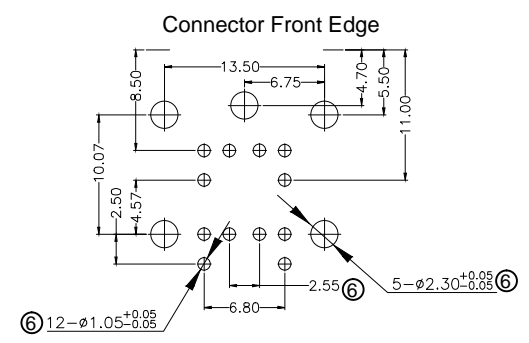


NOTES:

1. MECHANICAL:
 1.1 MATING FORCE: 30N MAX;
 1.2 UNMATING FORCE: 5N MIN;
 1.3 DURABILITY: 500 CYCLES MIN.

2. ELECTRICAL:
 2.1 CURRENT RATING: 2.0A;
 2.2 VOLTAGE RATING: 30V;
 2.3 WITHSTANDING VOLTAGE: 750V AC;
 2.4 CONTACT RESISTANCE: 30mΩ MAX;
 2.5 INSULATION RESISTANCE: 1000MΩ MIN;
 3. OPERATING TEMPERATURE: -25°C TO + 70°C.

| WSW P/N | Connector Color | |
|----------------|-----------------|----------------|
| A-DIO-DP/06 | UP: Black | Bottom: Black |
| A-DIO-DP/06 GV | UP: Green | Bottom: Purple |



| | | | | |
|---|------------|---------------------|--|--------------|
| 5 | COVER | PBT+30%GF UL94V-0 | | BLACK |
| 4 | MID-UPWARD | PBT+30%GF UL94V-0 | | BLACK GREEN |
| 3 | MID-DOWN | PBT+30%GF UL94V-0 | | BLACK PURPLE |
| 2 | CONTACT | COPPER ALLOY T=0.20 | 1u" PLATING ON CONTACT AREA. 100u" MIN. Tin PLATING ON SOLDER TAIL AREA. 50u" MIN. NICKEL UNDER PLATING OVERALL. | |
| 1 | SHELL | SPCC-SD T=0.30 | BRIGHT Tin 100u" Min OVER Ni 50u" Min | |
| | NAME | MATERIAL | PLATING | COLOR |

RoHS compliant
Unit: mm

| Scale | Free | ⑦ | A-DIO-DP/04 is EOL | 25.06.2023 | Peter | Date | Name | Customer-No. |
|-----------|-------|-----|--------------------|------------|----------|----------|------------|---|
| TOLERANCE | | ⑥ | Update | 07.01.2021 | Segal | Drawn | 25.01.2005 | HELLMANN WSW-No. A-DIO-DP/06 xx |
| .X | ±0.35 | ⑤ | Update | 08.11.2017 | Amy | Approved | 25.06.2023 | |
| .XX | ±0.30 | ④ | Modification | 08.11.2012 | Amy | | | Drawing-No. ASS 1067 CO |
| .XXX | ±0.15 | ③ | Redraw | 07.08.2009 | Dean | | | |
| .X° | ±3.0° | ② | Update | 28.07.2008 | N.Schulz | | | rev07 |
| .XX° | ±2.0° | | | | | | | |
| .XXX° | ±1.0° | | | | | | | SHEET |
| DIM | TOL | Id. | Modification | Date | Name | | | |



| | |
|-----------------|-----------------------|
| Customer-No. | |
| ASSMANN WSW-No. | A-DIO-DP/06 xx |
| Drawing-No. | ASS 1067 CO |
| Replace | rev07 |
| | SHEET |