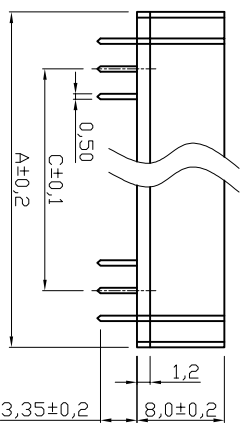


STAND OFF

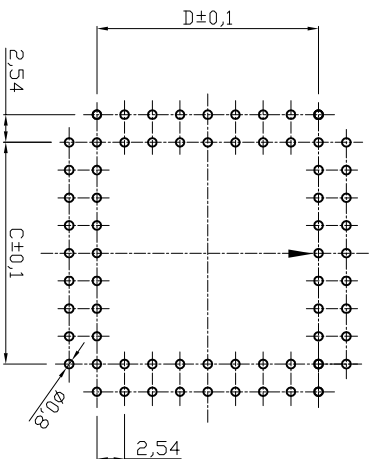


Product Specification

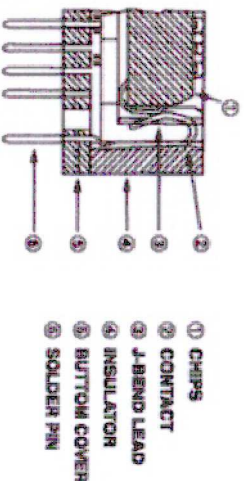
Material
 Contact : Phosphor Bronze, 0.25mm Thickness
 Plated: Tin Plated 160µ" over 40µ" Nickel (Lead Free)

MECHANICAL PERFORMANCE:
 Durability: Per MIL-STD-1344, Method 2016.25 Cycles
 Vibration: Per MIL-STD-810C, Method 514.2 10-200,000Hz 5G's
 Shock: Per MIL-STD-810C, Method 516.2, 35G's
 Acceleration: Per MIL-STD-810C, Method 513.2, 15G's
 Contact Force: 170g/per pin.

ELECTRICAL PERFORMANCE:
 Contact Interface Resistance:
 Initial: 6.5 Milliohms Average
 Final: 15.0 Milliohms Average Max. After Testing.
 Insulation Resistance: 10000 Megohms min.
 Dielectric Strength: 1000V/AC continuous for 1 minute.
 Capacitance: Less Than 1.0pF At 1000KHz.
 Operating and Storage Temperature : -40°C to +105°C



PCB Layout



Dimensions

| No. of Contacts | Insulator | A±0.2 | B±0.2 | C±0.1 | D±0.1 |
|-----------------|---------------------|-------|-------|-------|-------|
| 20 | PBT, Black, UL94V-0 | 15.50 | 15.50 | 5.08 | 5.08 |
| 28 | PBT, Black, UL94V-0 | 18.05 | 18.05 | 7.62 | 7.62 |
| 32 | PBT, Black, UL94V-0 | 18.05 | 20.60 | 7.62 | 10.16 |
| 44 | PBT, Black, UL94V-0 | 23.50 | 23.50 | 12.70 | 12.70 |
| 52 | PBT, Black, UL94V-0 | 25.88 | 25.88 | 15.24 | 15.24 |
| 68 | PPS, Black, UL94V-0 | 31.05 | 31.05 | 20.32 | 20.32 |
| 84 | PPS, Black, UL94V-0 | 36.05 | 36.05 | 25.40 | 25.40 |

RoHS compliant

| Scale | 1:1 |
|------------------|-----|
| TOLERANCE | |
| X. | ±X |
| X.X | ±X |
| X.XX | ±X |
| X.° | ±X |
| Angle | TOL |

| Id. | Modification | Date | Name |
|-----|-----------------------------------|------------|---------|
| ① | Drawn | 08.05.2003 | Hellwig |
| ② | Redraw | 23.07.2009 | Dean |
| ③ | Update detail plating information | 28.11.2013 | Ray |

| Date | Name |
|------------|---------|
| 08.05.2003 | Hellwig |
| 28.11.2013 | Ray |

| Customer-No. | ASSMANN WSW-No. | Drawing-No. |
|--------------|------------------------------|-------------|
| | | ASS 0981 CO |
| | A-CCS 0XX-Z-T | rev03 |
| | Replace ASS 0981 CO 25.04.00 | Sheet |



1 2 3 4 5 6 7

A B C D E F G H SVXXX