

## SCSI Connectors, SCA-2 Centronics Straight PCB Mount, 1.27mm Pitch

### Product Specification:

#### Materials and Finish

**Insulator:** Glass-filled thermoplastic, UL-94V-0 rated

**Contact:** Phosphor bronze per QQ-B-750, plated selected gold in mating area; 100μ" min. tin-lead on termination area, with entire contact under-plated 50μ" min. nickel

**Boardlock:** Phosphor bronze per QQ-B-750, 100μ" min. tin-lead plated

#### Electrical

**Contact Resistance:** 30 milliohms max. at 1 ampere DC

**Insulation Resistance:** 3000 megohms at 500 VDC

**Dielectric Withstanding Voltage:** 500 VAC/rms 60Hz for one minute

**Current Rating:** 1 amperes per contact

**Voltage Rating:** 250 VAC/rms 60Hz

#### Mechanical

**Mating Force:** See page 7

**Unmating Force:** See page 7

**Durability:** See page 7

### Ordering Information:

**G258U XXX X X X X X**

**SCA-2 Centronics  
Straight PCB Mount  
1.27mm Pitch**

**Number of Positions**  
040: 40 positions  
080: 80 positions

**Contact Style**  
0: Receptacle  
1: Plug

**Contact Finish**  
0: Flash gold  
1: 15μ" gold  
2: 30μ" gold  
3: Flash gold over 40μ" Pd-Ni

**Insulator Material**  
0: PBT  
1: High-Temperature Plastic

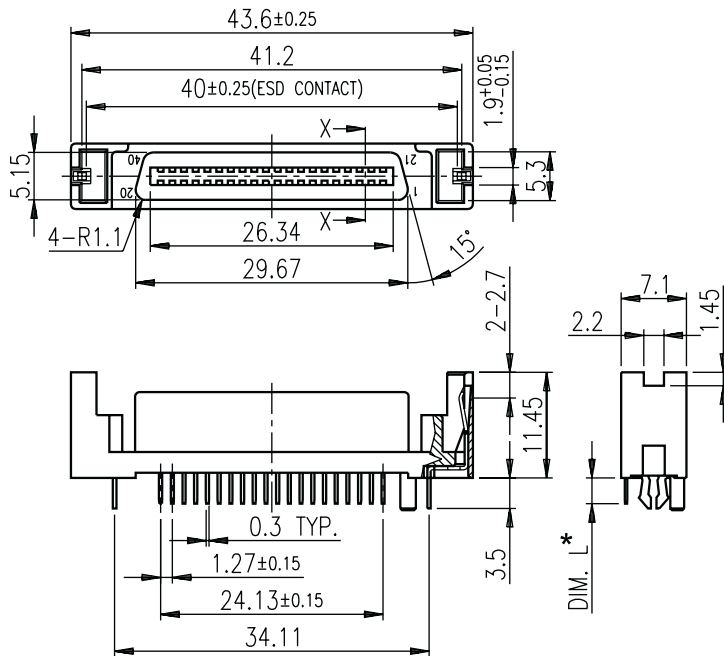
**Guide Height**  
0: 11.45 mm  
1: 17.5 mm

**Variation Code**

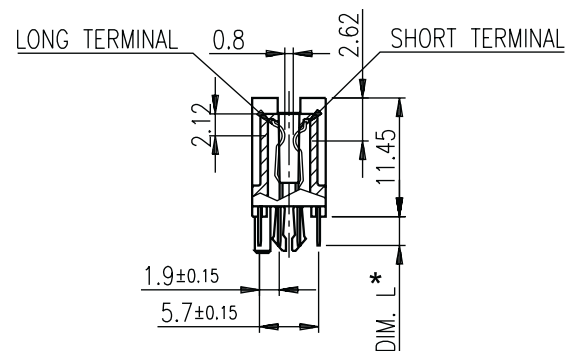
| Variation Code | Dim. L<br>(PC Tail Length) | Dim. M<br>(Boardlock Length) | Polarization Peg | Recommended PCB Thickness |
|----------------|----------------------------|------------------------------|------------------|---------------------------|
| A              | 2.79                       | 3                            | With             | 1.57                      |
| B              | 2.79                       |                              | Without          |                           |
| C              | 3.18                       |                              | With             | 2.36                      |
| D              | 3.18                       |                              | Without          |                           |
| E              | 4.06                       |                              | With             | 3.18                      |
| F              | 4.06                       |                              | Without          |                           |
| * H            | 3.18                       | 3.18                         | With             | 1.57                      |
| * J            | 3.18                       | 4.18                         | With             | 2.36                      |

\* marking means that boardlock shall be zigzag

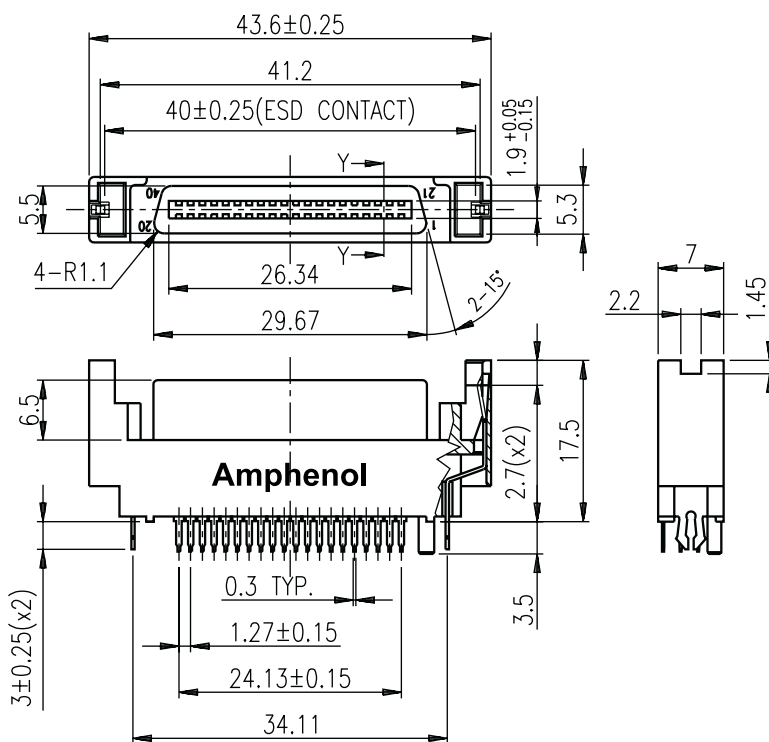
SCSI Connectors, SCA-2 Centronics  
Straight PCB, 1.27mm Pitch, 40-pos.



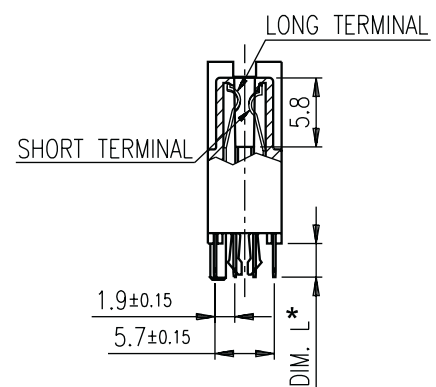
40-pos. (Low Profile)



X-X Section

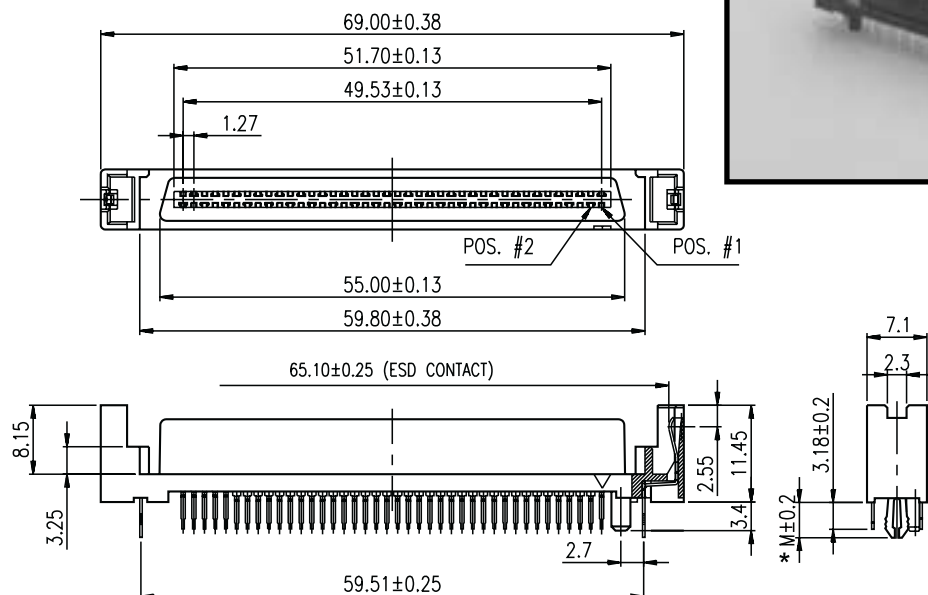


40-pos. (High Profile)

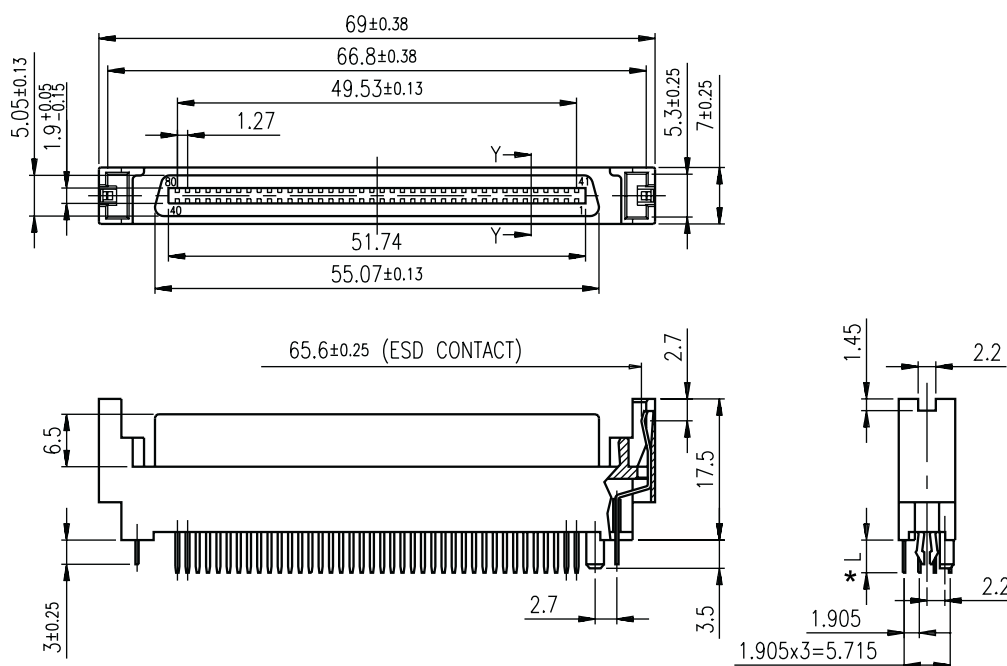


Y-Y Section

\* Please refer to "Variation Code" of order information



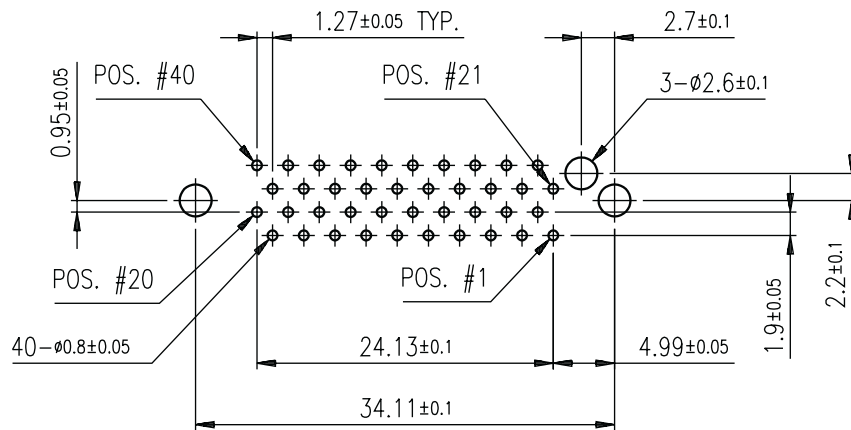
### 80-POS.(Low Profile)



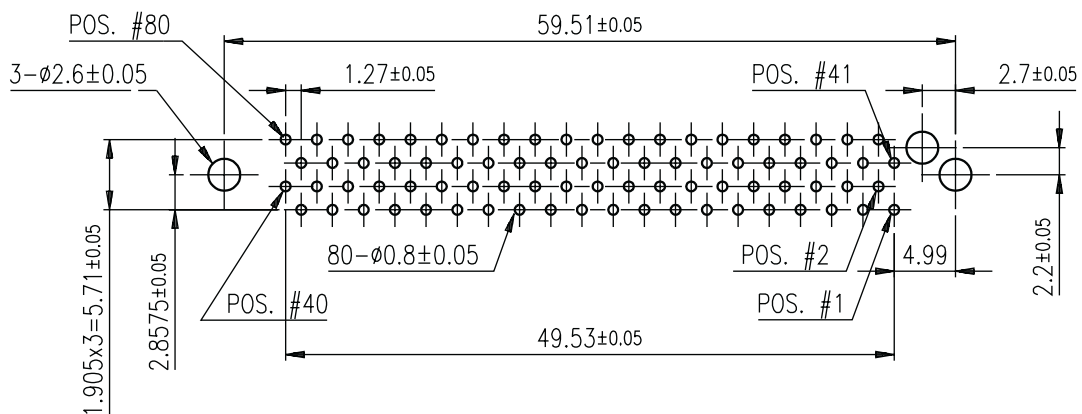
## 80-POS.(High Profile)

http://www.amphenol.com  
E-mail: info@amphenol.com.tw

## Recommended PCB Layout SCA 2 Centronics, 1.27mm Pitch



**40-pos.**



**80-pos.**