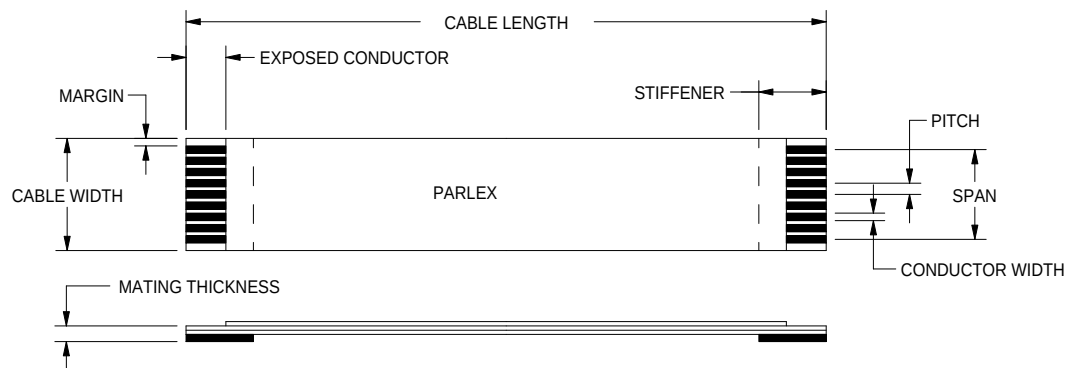


# STANDARD ZIF CABLE - SAME SIDE



CABLE WIDTH = (# OF CONDUCTORS + 1)(PITCH)  
 SPAN = (# OF CONDUCTORS - 1)(PITCH)  
 MATING THICKNESS = .012" (.305mm)  
 INSULATION = .002" Thick Polyester with Flame Retardent Adhesive  
 COPPER = TIN PLATED  
 TEMPERATURE RATING = -55°C TO 105°C  
 DIELECTRIC STRENGTH = 2500 VOLTS/MIL  
 UL FLAME RATING = VW-1  
 INSULATION RESISTANCE =  $10^3$  MEGOHM MIN

| PITCH           | MARGIN          | EXPOSED<br>COPPER | STIFFENER<br>LENGTH | COPPER<br>THICKNESS | COPPER<br>WIDTH | UL #         | CURRENT<br>RATING |
|-----------------|-----------------|-------------------|---------------------|---------------------|-----------------|--------------|-------------------|
| .0197" (.500mm) | .014" (.356mm)  | .140" (3.556mm)   | .237" (6mm)         | .003" (.076mm)      | .011" (.280mm)  | 20890        | .50 AMPS          |
| .0246" (.625mm) | .017" (.422mm)  | .140" (3.556mm)   | .237" (6mm)         | .003" (.076mm)      | .016" (.406mm)  | 20890        | .50 AMPS          |
| .025" (.635mm)  | .020" (.495mm)  | .140" (3.556mm)   | .237" (6mm)         | .003" (.076mm)      | .011" (.280mm)  | 20890        | .50 AMPS          |
| .0315" (.800mm) | .023" (.572mm)  | .140" (3.556mm)   | .237" (6mm)         | .003" (.076mm)      | .019" (.483mm)  | 20566        | .80 AMPS          |
| .0394" (1.00mm) | .026" (.660mm)  | .140" (3.556mm)   | .237" (6mm)         | .003" (.076mm)      | .026" (.660mm)  | 20566        | 1.5 AMPS          |
| .0492" (1.25mm) | .033" (.845mm)  | .170" (4.318mm)   | .294" (7.5mm)       | .003" (.076mm)      | .0315" (.800mm) | 20566 & 2643 | 2.0 AMPS          |
| .050" (1.27mm)  | .034" (.864mm)  | .170" (4.318mm)   | .294" (7.5mm)       | .003" (.076mm)      | .0315" (.800mm) | 20566 & 2643 | 2.0 AMPS          |
| .100" (2.54mm)  | .075" (1.905mm) | .240" (6.096mm)   | .394" (10mm)        | .003" (.076mm)      | .050" (1.27mm)  | 2643         | 3.0 AMPS          |
| .100" (2.54mm)  | .069" (1.753mm) | .240" (6.096mm)   | .394" (10mm)        | .003" (.076mm)      | .062" (1.575mm) | 2643         | 3.0 AMPS          |

\* STANDARDS CAN BE CUSTOM ADJUSTED PER REQUEST

## UL # CLARIFICATION CHART

20890 = .008" MIN SPACING BETWEEN CONDUCTORS,  
 VOLTAGE RATING = 90VOLTS  
 20566 = .010" MIN SPACING BETWEEN CONDUCTORS  
 VOLTAGE RATING = 90 VOLTS  
 2643 = .016" MIN SPACING BETWEEN CONDUCTORS  
 VOLTAGE RATING = 300 VOLTS

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| DIMENSION            |          | STANDARD TOLERANCES |
|----------------------|----------|---------------------|
| CABLE LENGTH         | 0-3"     | ±.050" (1.27mm)     |
|                      | 3"-6"    | ±.060" (1.524mm)    |
|                      | 6"-12"   | ±.070" (1.778mm)    |
|                      | 12"-18"  | ±.110" (2.794mm)    |
|                      | 18"-24"  | ±.120" (3.048mm)    |
|                      | 24"-36"  | ±.150" (3.810mm)    |
|                      | OVER 36" | ±1% OF LENGTH       |
| EXPOSED COND. LENGTH |          | ±.030" (.76MM)      |
| STIFFENER LENGTH     |          | ±.050" (1.27MM)     |
| PITCH                |          | ±.005" (.127MM)     |
| SPAN                 |          | ±.005" (.127MM)     |
| MARGIN               |          | ±.005" (.127MM)     |
| CABLE WIDTH          |          | ±.005" (.127MM)     |

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LAMINATED CABLE DIVISION

## SPECIFICATION DRAWING FOR STANDARD ZIF CABLE - SAME SIDE

| SIZE     | FSCM         | PS-2562 |  | Rev.         |
|----------|--------------|---------|--|--------------|
| <b>B</b> | <b>18377</b> |         |  | <b>B</b>     |
| SCALE    | NA           |         |  | SHEET 1 OF 1 |