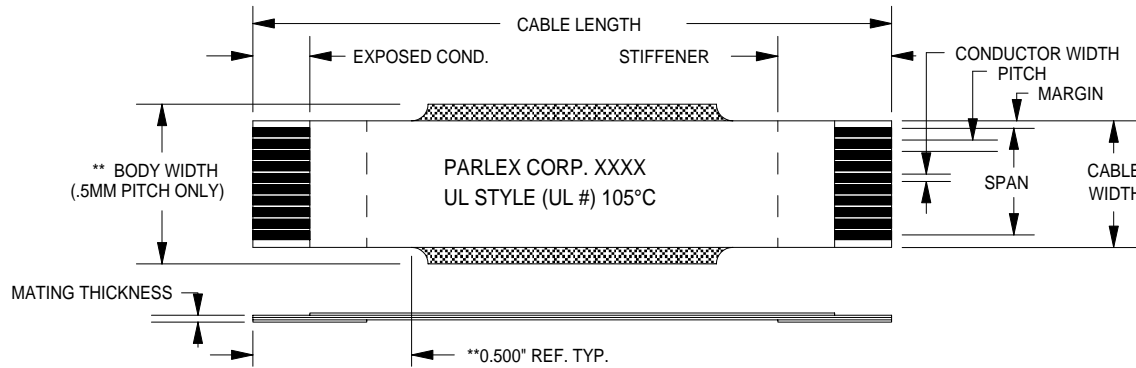


# STANDARD ZIF CABLE - SAME SIDE



**CABLE WIDTH = (# OF CONDUCTORS + 1)(PITCH)**  
**\*\* BODY WIDTH = ((# OF CONDUCTORS + 1)(PITCH)) + 0.055" MAX. (.5MM PITCH ONLY)**  
**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<sup>3</sup> MEGOHM MIN**

PITCH	MARGIN	EXPOSED COPPER	STIFFENER LENGTH	COPPER THICKNESS	COPPER WIDTH	UL #	CURRENT RATING
**0.0197" (.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  
 \*\* .5MM PITCH MAY BE PUNCHED TO WIDTH IF CABLE LENGTH IS GREATER THAN 1.5"

**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

## PROPRIETARY INFORMATION NOTICE

This document and the designs, specifications, and engineering information disclosed herein are the property of Parlex Corp., and are not to be disseminated or reproduced without expressed written consent. This document is loaned in confidence and then only for consideration of the matter disclosed hereon. In accepting loan of this document, the recipient agrees to keep it and the matter disclosed hereon in confidence and not to use or permit their use in any way detrimental to Parlex Corp.

DIMENSION		STANDARD TOLERANCES (** PUNCH TOL. IN MATING AREA)
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) ±.004" (.102MM)**
CABLE WIDTH		±.005" (.127MM) ±.004" (.102MM)**

**P**ARLEX CORPORATION  
 ONE PARLEX PLACE  
 METHUEN, MA 01844

LAMINATED CABLE DIVISION

## SPECIFICATION DRAWING FOR STANDARD ZIF CABLE - SAME SIDE

SIZE	FSCM	PS-2562	Rev.
<b>B</b>	<b>18377</b>		<b>-</b>
SCALE	NA	FORM LC2001-25 05/01/03	SHEET 1 OF 1