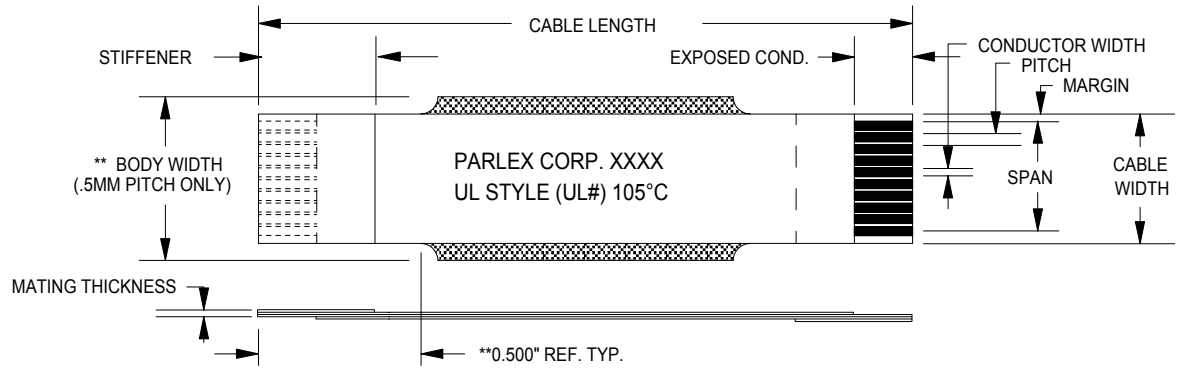


# STANDARD ZIF CABLE - REVERSE BARE

REVISIONS			
LTR	DESCRIPTION	DATE	APPRVD
-	INITIAL RELEASE	08/12/04	



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

DIMENSION		STANDARD TOLERANCES (** PUNCH TOL. IN MATING AREA)
CABLE LENGTH	0-3"	±.075" (1.905mm)
	3"-6"	±.100" (2.54mm)
	6"-12"	±.125" (3.175mm)
	12"-18"	±.150" (3.810mm)
	18"-24"	±.200" (5.08mm)
	24"-36"	±.250" (6.35mm)
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)**

PITCH	MARGIN	EXPOSED COPPER	STIFFENER LENGTH	COPPER THICKNESS	COPPER WIDTH	UL #	CURRENT 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

**P** ARLEX CORPORATION  
 ONE PARLEX PLACE  
 METHUEN, MA 01844  
  
 LAMINATED CABLE DIVISION  
  
**SPECIFICATION DRAWING FOR  
 STANDARD ZIF CABLE - REVERSE BARE**

SIZE <b>B</b>	FSCM <b>18377</b>	<b>PS-2563</b>	Rev. -
SCALE NA	FORM LC2001-26 05/01/03	SHEET 1 OF 1	

DR	P. WALSH	DATE	08/12/04
CHK			
ENG	P. WALSH	DATE	08/12/04
APPD			

\* 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