

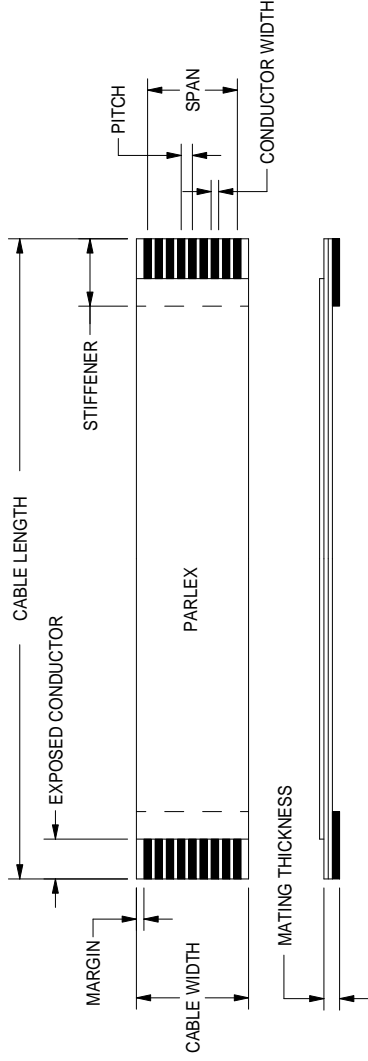


**THE DATASHEET OF
100R25-51B**



STANDARD ZIF CABLE - SAME SIDE

PROPRIETARY
This document and the information disclosed herein are not to be disseminated or used in any way without the written consent of the manufacturer. This document is for consideration only for the purpose of obtaining a loan of this document. Any reproduction or disclosure hereon in any way detrimental to the manufacturer is prohibited.



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 = 10³ MEGOHM MIN

DIMENSION	CABLE LENGTH
	3"-6"
	6"-12"
	12"-18"
	18"-24"
	24"-36"
	OVER 36"

EXPOSED COND. LEN	STIFFENER LENGTH	PITCH	SPAN	MARGIN	CABLE WIDTH

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

* 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

P

LAI

SPECIFICATIONS
 STANDARDS

SIZE
 B

FSCM

1837

SCALE

NA

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View 100R25-51B on WIN SOURCE](#)

 [Parlex USA LLC Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management