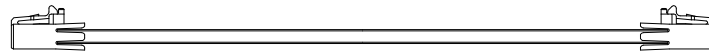
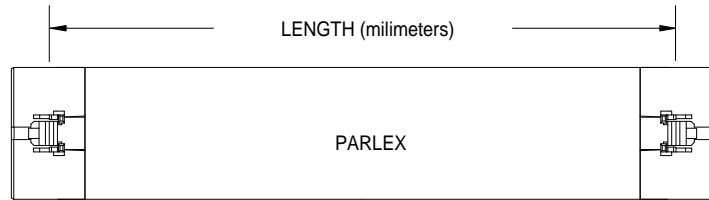


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P/N WHEN ORDERING:

2 9 3 5 - XX - XXXX - X -

REPRESENT NUMBER OF CONDUCTORS 1-99 PER CABLE. 2 CABLES PER ASSY.

DRAWING REVISION

CONNECTOR ORIENTATION (R or S)

15 SPACES MAX.

DESIRED CABLE LENGTH IN mm's. 4 PLACES MAXIMUM. NO DECIMAL PTS.
EXAMPLE: 343 (L=13.500")
140 (L=5.512")

P/N EXAMPLES:
2935-30-1478-S-
0.050"±0.005" centerline to centerline spacing
30 conductor cable (60 POSITION CONNECTOR)
Cable Length = 58.189"±0.582"
Latch connectors, latch same side orientation
Amp connector p/n 6-487937-0 (Refer to Amp catalog for p/n's on different # of positions)

TOLERANCES
.XXX ±
.XX ±
ANGLES ±

MATERIAL		P ARLEX CORPORATION ONE PARLEX PLACE METHUEN, MA 01844	
DR P JW		DATE 8/16/07	
CHK		LAMINATED CABLE DIVISION	
ENG P JW		SPECIFICATION DRAWING FOR 1.27MM-XX(2)-XXXX-FML/LTH-SS OR RB-ROHS COMPLIANT	
APPD		SIZE B	FSCM 18377
		PS-2935	
		SCALE 1:1	Rev. A
		SHEET OF	

REVISIONS			
LTR	DESCRIPTION	DATE	APPRVD
—	INITIAL RELEASE	8/16/07	P JW
A	REVISED MARKING	11/6/12	

NOTES:

CONDUCTOR SPACING = 1.27mm (0.050"±0.005")
CONDUCTORS REQ'D PER CABLE = XX
CONDUCTORS = .003" THK. x .026" WIDE COPPER
CABLE THICKNESS = .010"±0.002"
CABLE WIDTH = (.05" x [XX + 1]) ±0.005"
INSULATION = 2 MIL POLYESTER w/ 1.5 MIL FLAME RETARDANT ADHESIVE

AMP RECEPTACLE CONTACTS = 1-487547-1
AMP LATCH STYLE HOUSINGS = 487937 SERIES
TEMP RATING = -55°C to 105°C
VOLTAGE RATING = 300V
DIELECTRIC STRENGTH = 2500 VOLTS/MIL
U.L. FLAME RATING = VW-1 (UL#S 20566 & 2643)
INSULATION RESISTANCE = 1000 MEGOHMS, MIN PER IPC-TM-650, METHOD 2.6.3.2 @ AMBIENT TEMP.

TOLERANCES ON LENGTHS:

0-3" ±.050" 12"-18" ±.110"
3"-6" ±.060" 18"-24" ±.120"
6"-12" ±.070" 24"-36" ±.150"

36" or greater tol = ±1% of length.