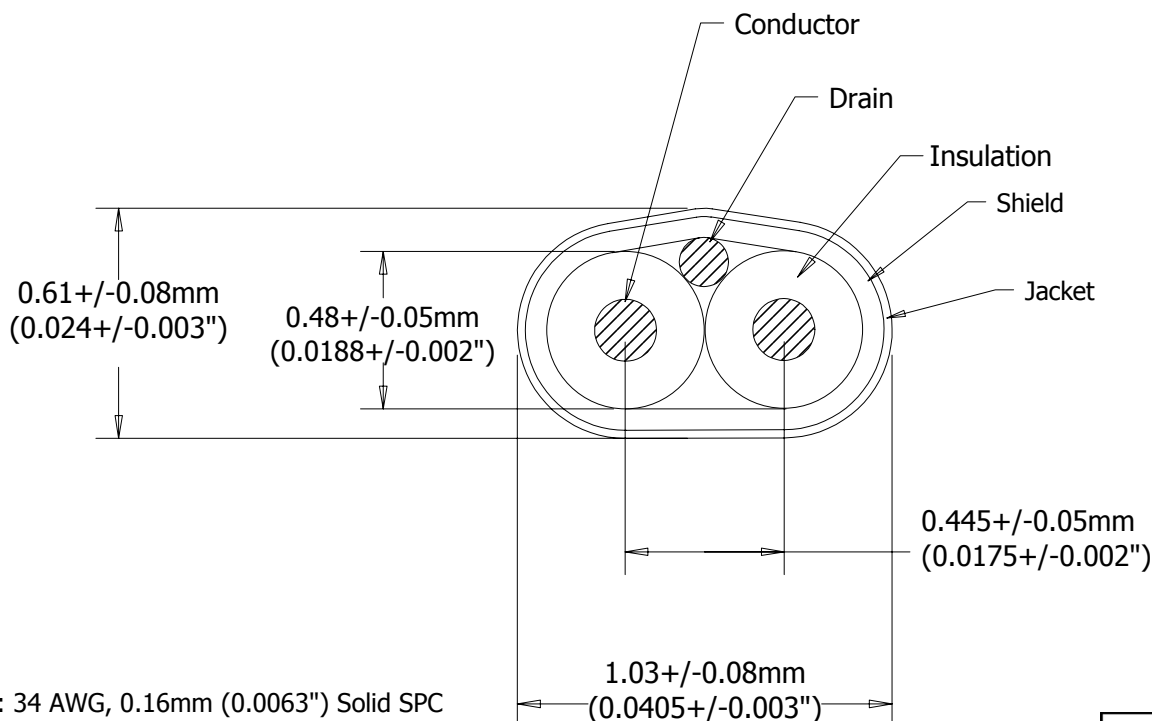




NOTES

Construction:

Conductor: 34 AWG, 0.16mm (0.0063") Solid SPC

Insulation: Fluoropolymer

Drain Wire: 36 AWG, 0.13mm (0.005") Solid SPC

Shield: Aluminum / Polyester Foil, 0.023mm (0.0009") Thickness Ref.

Jacket: Polyester, Heat Sealed, 0.018mm (0.0007") Thickness Ref.

Safety Compliance: VW-1



Electrical Characteristics:

(Based on a 2m Length)

Differential Impedance: 100 +/- 5 Ohms

Propagation Delay: 4.79 ns/m Ref.

Intra-Pair Skew: 20ps/2m Max.

SCD21

f < 20 GHz: 20 dB Min.

SCD21-SDD21

0.01 ≤ f < 12.89: 12 dB Min.

12.89 ≤ f < 15.7: (29-(29/22)f) dB Min.

15.7 ≤ f < 19: 8.3 dB Min.

Mechanical Characteristics:

Min. Bend Radius: 5X OD - Minor Axis

Based on 2m Test Length			
Freq (GHz)	SDD21		SCD21
	Nom. dB	Max. dB	Nom. dB
2.50	7.53	8.28	23
5.00	11.05	12.15	28
7.50	13.91	15.30	31
10.00	16.43	18.07	34
12.89	19.08	20.98	37
15.00	20.88	22.97	36
17.50	22.91	25.20	37
20.00	24.85	27.33	40

Print Legend (Drain Wire Side): MOLEX TEMP-FLEX(R) <LOCATION CODE: US or PHL> TWINMAX(TM) 34 AWG 1000680046

--- E61522 <UL CODE: -MPI for PHL, Blank for US> cRUus AWM 22046 I A/B 30V 105C FT1 VW-1 --- <LOT, DATE CODE>

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Rev

DCR

Description

App'd

Date

E

5002

Release to Production.

KP

6/6/16

F

5091

Update Print Legend to Add UL.

KP

9/1/16