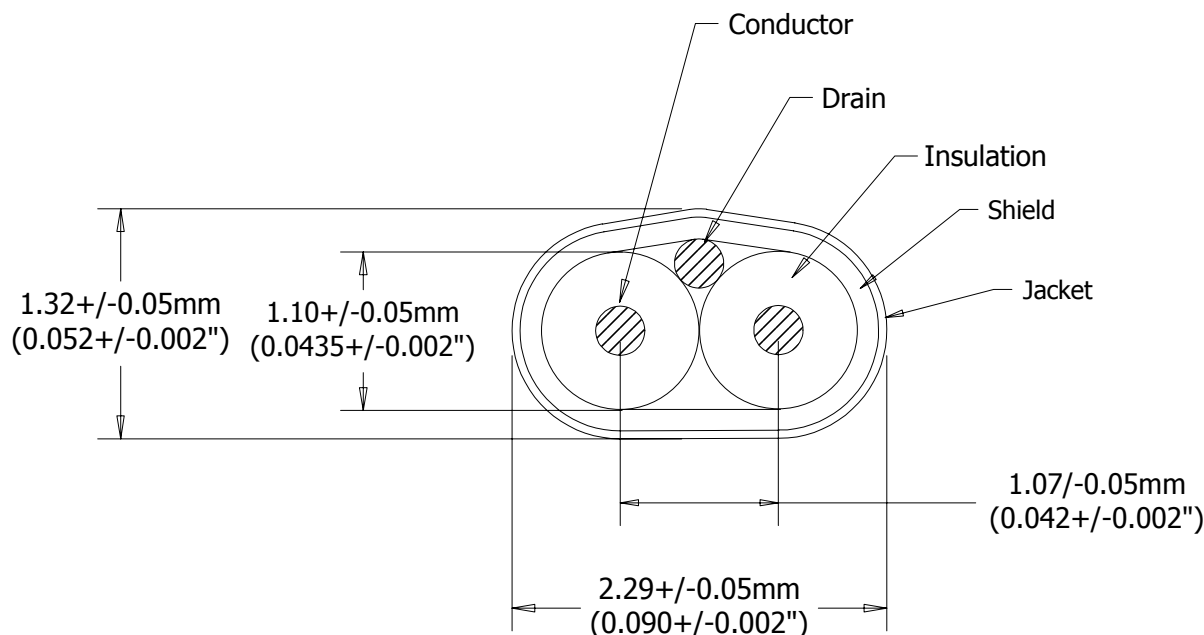


TITLE	PART No.	REV	PAGE
Shielded Pair 28 AWG, 100 Ohm Twinax	1000680108	B	1 of 1



NOTES

Construction:

Conductor: 28 AWG, 0.34mm (0.0134\") Solid SPC
 Insulation: Fluoropolymer
 Drain Wire: 28 AWG, 0.32mm (0.0126\") Solid SPC
 Shield: Aluminum / Polyester, 0.023mm (0.0009\") Thickness Ref.
 Jacket: Polyester, Heat Sealed, 0.025mm (0.001\") Thickness Ref.
 Safety Compliance: UL AWM STYLE 22058

Electrical Characteristics:

(Based on a 4m Length)

Differential Impedance: 100+/-5 Ohms
 Propagation Delay: 4.8 ns/m Ref.
 Intra-Pair Skew: 40 ps/4m Max.

SCD21

$f < 25.0 \text{ GHz}: \geq 20 \text{ dB}$

SCD21-SDD21

$0.01 \leq f < 12.89 \text{ GHz}: \geq 12 \text{ dB}$
 $12.89 \leq f < 15.7 \text{ GHz}: \geq (29-(29/22)*f) \text{ dB}$
 $15.7 \leq 25.0 \text{ GHz}: \geq 8.3 \text{ dB}$

Based on 4.0m Test Length		
Freq (GHz)	SDD21	
	Nom. dB	Max. dB
2.50	6.14	6.37
5.00	8.91	9.31
7.50	11.12	11.65
10.00	13.15	14.10
12.89	15.28	16.50
15.00	16.81	18.40
17.50	18.44	20.30
20.00	20.02	22.85
22.50	21.82	25.85
25.00	23.45	29.73



Print Legend: MOLEX TEMP-FLEX(R) <LOCATION CODE: US or PHL or GDL>TWINMAX(TM) 28 AWG 1000680108

--- E61522 <UL CODE: -MPI for PHL, <blank> for US, -MDM for GDL> STYLE 22058 cRUus AWM I A/B 105C 30V FT1 VW-1 --- <TRACEABILITY>

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	A	5314	Release to Production.	KP	9/5/17
	B	5370	Update Print Legend.	KP	1/11/18