	13	12	11		10
	PART NO.	CIRCUITS	LENGTH ±.01 [.25]	<u>+</u>	WIDTH 004 [.10]
.1	150150223	23	2.00 [50.8]		.283 [7.2]
J	150150423	23	4.00 [101.6]		.283 [7.2]
	150150623	23	6.00 [152.4]		.283 [7.2]
	150150823	23	8.00 [203.2]		.283 [7.2]
	150151023	23	10.00 [254.0]		.283 [7.2]
	150150225	25	2.00 [50.8]		.307 [7.8]
I	150150425	25	4.00 [101.6]		.307 [7.8]
	150150625	25	6.00 [152.4]		.307 [7.8]
	150150825	25	8.00 [203.2]		.307 [7.8]
	150151025	25	10.00 [254.0]		.307 [7.8]
	150150227	27	2.00 [50.8]		.331 [8.4]
Н	150150427	27	4.00 [101.6]		.331 [8.4]
	150150627	27	6.00 [152.4]		.331 [8.4]
	150150827	27	8.00 [203.2]		.331 [8.4]
	150151027	27	10.00 [254.0]		.331 [8.4]
	150150229	29	2.00 [50.8]		.354 [9.0]
G	150150429	29 29	4.00 [101.6] 6.00 [152.4]		.354 [9.0] .354 [9.0]
Ŭ	150150629 150150829	29	8.00 [203.2]		.354 [9.0]
	150151029	29	10.00 [254.0]		.354 [9.0]
	150150233	33	2.00 [50.8]		.403 [10.2]
	150150433	33	4.00 [101.6]		.403 [10.2]
_	150150633	33	6.00 [152.4]	+	.403 [10.2]
F	150150833	33	8.00 [203.2]		.403 [10.2]
	150151033	33	10.00 [254.0]		.403 [10.2]
	150150239	39	2.00 [50.8]		.472 [12.0]
	150150439	39	4.00 [101.6]		.472 [12.0]
	150150639	39			.472 [12.0]
E					.472 [12.0]
	150150839	39			
	150151039	39	10.00 [254.0]		.472 [12.0]
	150150245	45	2.00 [50.8]		.543 [13.8]
	150150445	45	4.00 [101.6]		.543 [13.8]
D	150150645	45	6.00 [152.4]		.543 [13.8]
	150150845	45	8.00 [203.2]		.543 [13.8]
	150151045	45	10.00 [254.0]		.543 [13.8]
	150150251	51	2.00 [50.8]		.614 ]15.6]
	150150451	51	4.00 [101.6]		.614 ]15.6]
С	150150651	51	6.00 [152.4]		.614 ]15.6]
-	150150851	51	8.00 [203.2]		.614 ]15.6]
	150151051	51	10.00 [254.0]		.614 ]15.6]

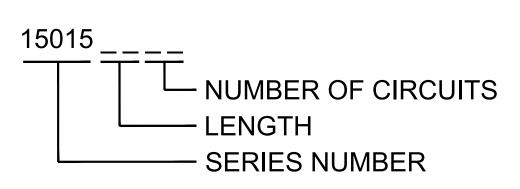
В

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13

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	17 13/01/23	QUALITY		OLERANCES SPECIFIED)		DIMENSION STYLE	SCALE NONE	DESIGN UNITS	0	THIRD ANGLE PROJECTION	В
NOTE 5	3-01 20		A PLACES ±	nm INCH ± ±.010	DRAW	n by date TER 2011/09/2	TITLE	_	PITCH		
TED NC	🔻		1 PLACE ±	±.030 ± LAR ±1°	APPRO SFUL	VED BY DATE	15 <sup>Molex</sup> M		ORPO	DRATED	
UPDATED	EC NO DRWN:1	REV	APPL MUST	WHERE ICABLE REMAIN IMENSIONS	MATER SIZE	AL NO. SEE CHART THIS DRAWING C INCORPORATED A	ONTAINS INFORM		PROPRIE		A
8		<u>r</u>	6	5		4	3	2		1	



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9

## PART NUMBER CONSTRUCTION

11



.0118

[.30]

.0118

[.30]

R.008 [R.20] TYP. (4)

N = NUMBER OF CONDUCTORS

JUMPER END DETAIL 33 CIRCUIT SHOWN

.0118 [.30] .0118 [.30]

x (N+1) x (N-1)

- 4. TAIL ENDS ARE .008 [.20] THICK.
- 2. CONDUCTOR IS 1/2 OZ (.0007) [18uM] COPPER.

NOTES:

9	8	7

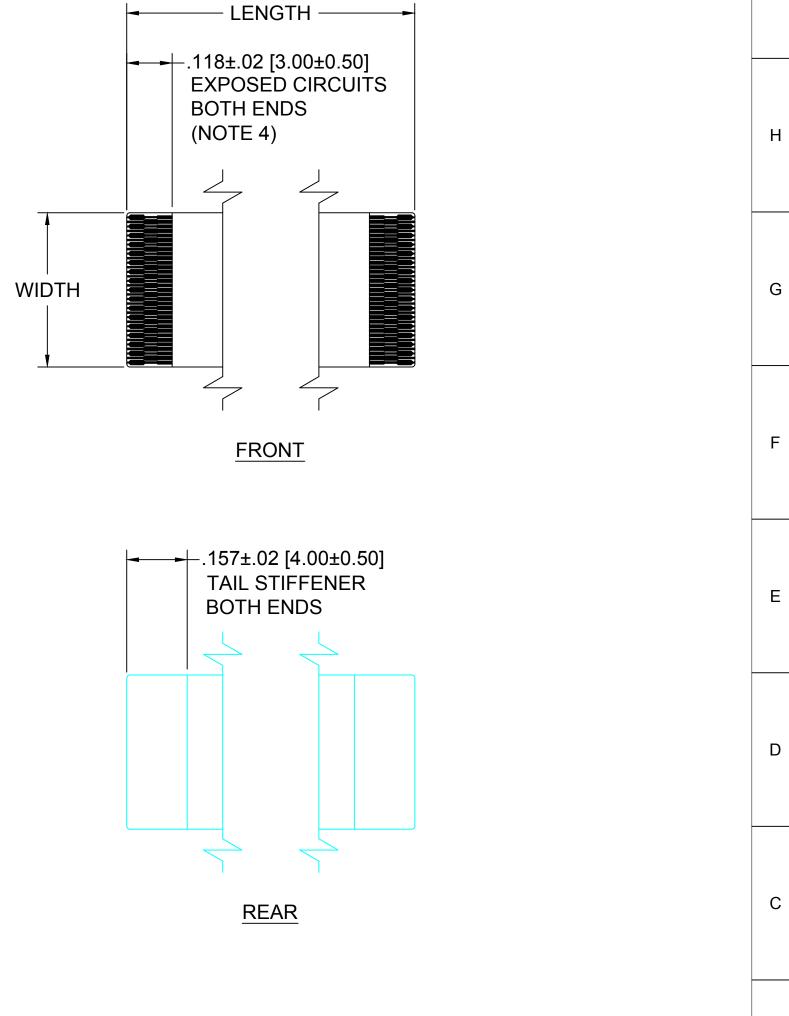
6	5	4	3	2	1	
-	-	-	-	_	-	

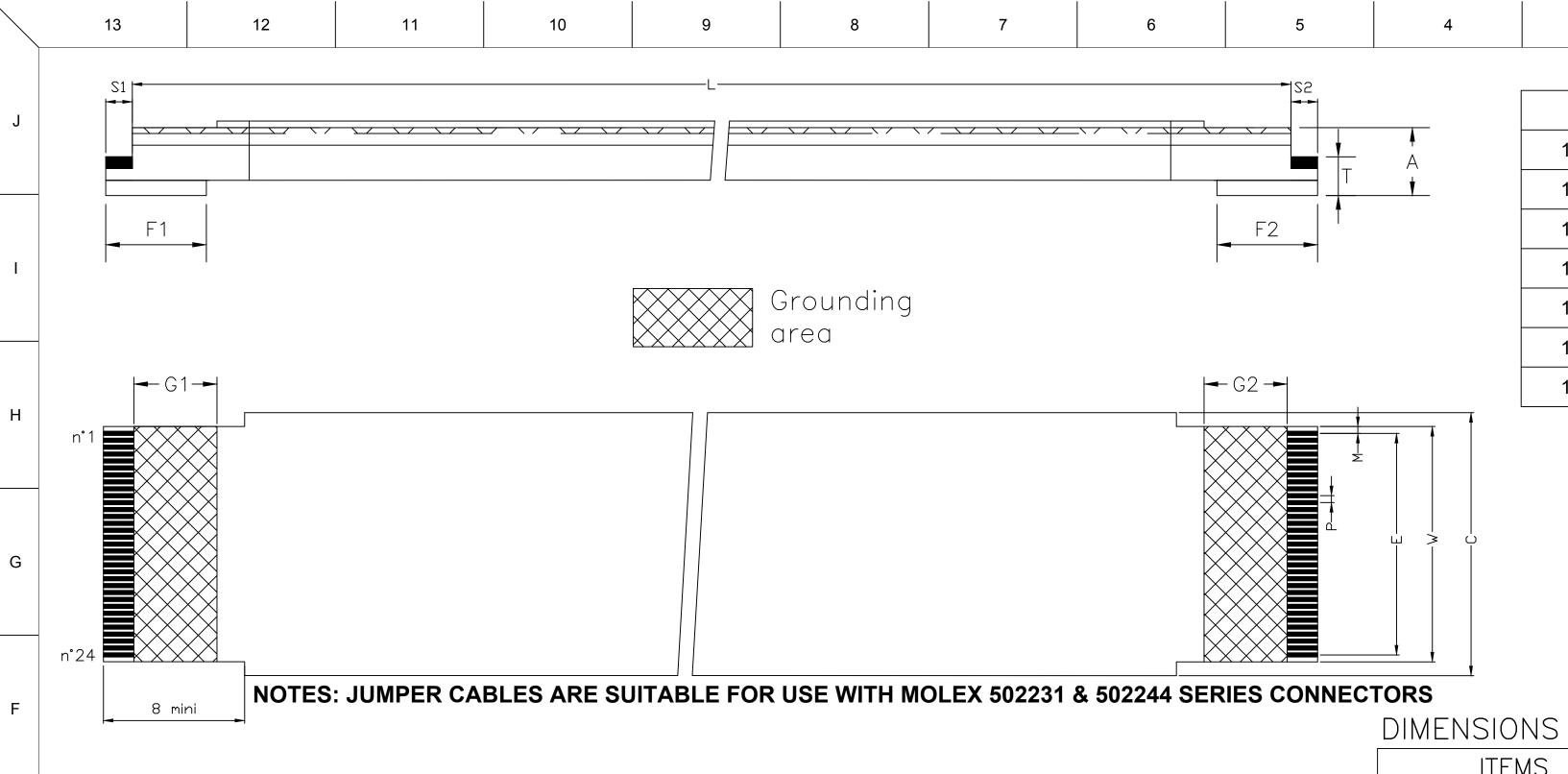
J

1. SUBSTRATE AND COVERLAY MATERIAL IS .001 [25uM] POLYIMIDE.

3. PLATING IS 2 MICRO INCHES MINIMUM OF HARD GOLD OVER 100 MICRO INCHES MINIMUM OF NICKEL.

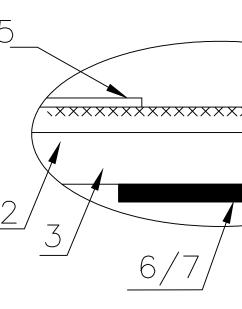
5. JUMPER CABLES ARE SUITABLE FOR USE WITH MOLEX 502598 SERIES CONNECTOR.





# COMPOSITION:

Item	COMPONENTS		UNITS	SPECIFICATIONS
		Material	_	Gold plated contacts (0.3µm Ni/0.05µm Au min)
1	Conductor	Width	mm	0.23 mm nominal
	Conductor	Thickness	mm	0.055 mm nominal
2	Insulation tape	Material	—	Polyester+flame retardant adhesive insulation
Z	insulation tape	Thickness	mm	0.100 mm nominal
3	Insulation tape	Material	-	Polyester+flame retardant adhesive insulation
5	insulation tape	Thickness	mm	0.100 mm nominal
Α	Aluminum tape	Material	-	Polyester/Aluminium/Adhesive
4		Thickness	mm	0.119 mm nominal
<u>ر</u>	Insulation tape	Material	_	Polyester + FR adhesive insulation
5		Thickness	mm	0.043 mm nominal
67	Reinforcement	Material	_	Blue Polyester
6,7	Таре	Thickness	mm	0.155 mm nominal



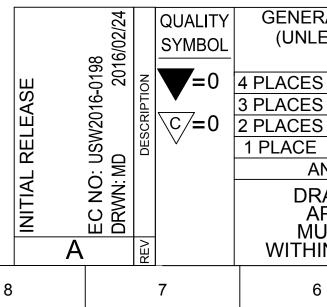
## С

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## CHARACTERISTICS

	ITI	EMS		VALUE	TEST METHOD	
	Resistance of c	onductor at 20°C	195	50 Ohm/km maxi	-	
В	Insulation resist (Conductor to c		10	) MOhm.m mini	200 V DC	
D	Dielectric test (Conductor to c	conductor)		1 minute	200 V AC	
	Temperature rating		-	40°C to 80°C	UL2896	
	Voltage rating			30 V AC maxi	UL2090	
	Flame resistance	ce		VW-1	UL758	
A	Differential imp	edance	1	00 Ω ± 10 Ω	-	
	Speed L:2"-10"		5	-10 Gigabits/sec	-	
	Speed L:12"-24	," *		2-5 Gigabits/sec	-	
	13	12	11	10	9	



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	<b>-</b> G2 -	I		
		Σ		

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PART NO.	CKTS	LENGTH
15021-0224	24	2"
15021-0424	24	4"
15021-0624	24	6"
15021-0824	24	8"
15021-1024	24	10"
15021-1224	24	12"
15021-2424	24	24"

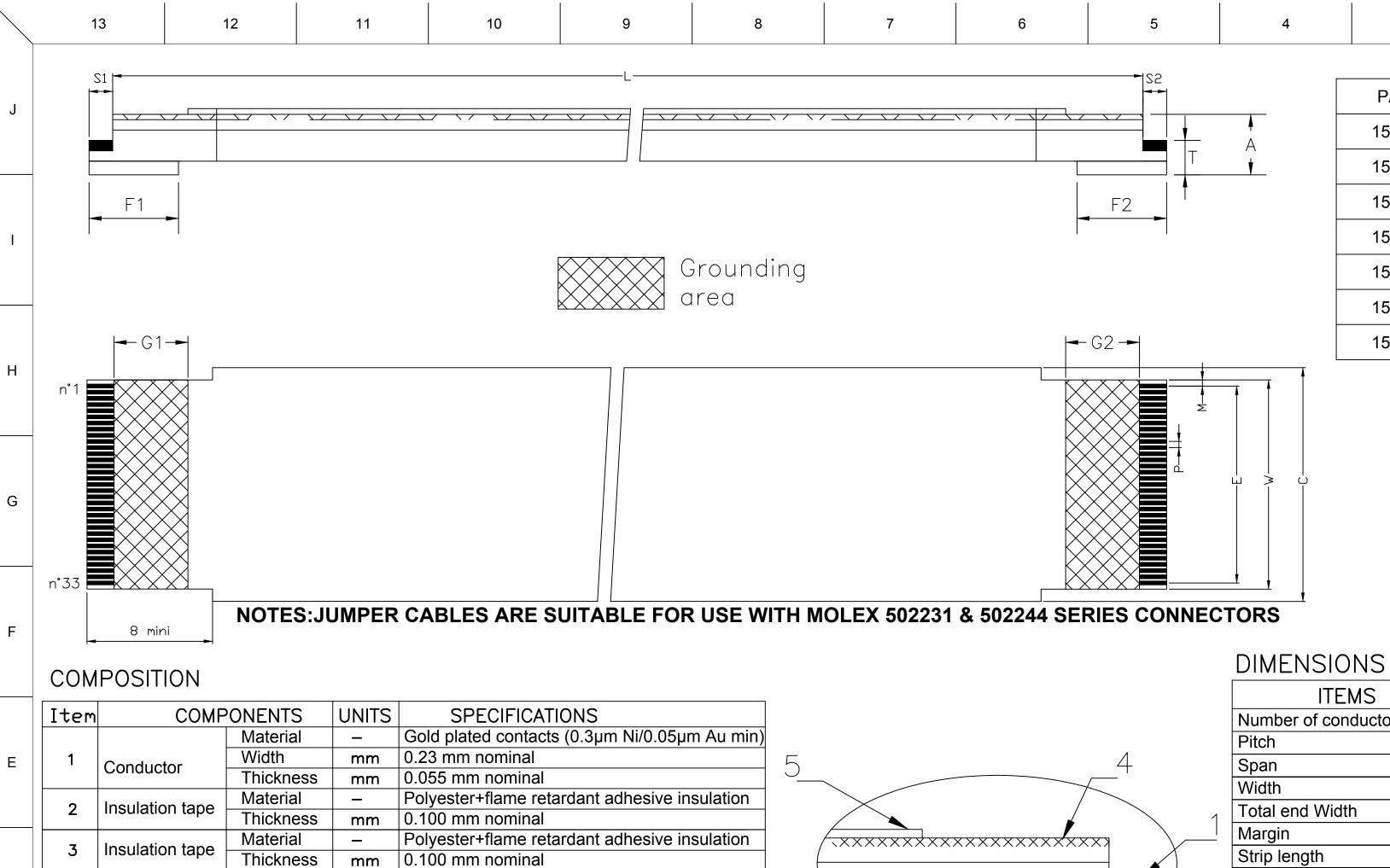
2

					ITEMS	S		REP.	NOM	INAL	
Numbe				nber of co	ndu	ictors		24(=2	28-4)		
				Pitc	h			Р	0.50	± 0.05	
		4		Spa	n			E	11.50	± 0.05	E
		— ' >		Widt				W	12.50	± 0.07	
			1	Toto	al end Widt	h		С	14.50	± 0.15	
xxxxxx	< × × × × ×	x X		Mar	gin			М	0.50	± 0.08	
				Stri	p length			S1/S2	2.2	± 0.5	
					unding leng	th		G1/G2	6	± 2	
				End	thickness			T	0.30	± 0.05	D
				Reir	nforcement	ler	ngth	F1/F2	7.0 ±	1.5	
/ _ /				Thic	kness grou	ndi	ing area	A	0.50	± 0.05	
				L							
				DIME	ENSIONAL TO	DLE	RANCES	DIMENSIC	ONAL TOLE	RANCES	
				45 mr	m TO 60 mm		±2 mm	1.772 TO 2	2.400	±0.079	С
				61 mr	m TO 100 mm		±3 mm	2.401 TO 3	3.975	±0.119	
					nm TO 200 mi		±4 mm	3.946 TO <sup>-</sup>		±0.157	
					nm TO 1500 n			7.913 TO		±0.197	
									33.000	10.107	_
	AL TOLEF				SION STYLE H [MM]			ESIGN UNITS		RD ANGLE	В
	mm		DRAW		DATE	TITL					
PLACES	±	±		GIKA	2016/02/25				DS		
PLACES	±	±		ED BY	DATE			CKI	S 24		
PLACES	±	±									_
1 PLACE	±	±	-	VED BY	DATE	M	olex MC	DI FX INC	ORPORA	TFD	
AN	GULAR ±	:1°								SHEET NO.	_
				SFF	CHART		UMENT NO.	)-15021-0	24	1 OF 1	A
	PLICAB		SIZE								
	DIMEN				ORPORATED AND						
			-								

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Polyester/Aluminium/Adhesive

Polyester + FR adhesive insulation

0.119 mm nominal

0.043 mm nominal

0.155 mm nominal

10

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Blue Polyester

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6,7

# CHARACTERISTICS

Aluminum tape

Insulation tape

Reinforcement

Таре

13

	ITEMS	VALUE	TEST METHOD	
В	Resistance of conductor at 20°C	1950 Ohm/km maxi	-	
	Insulation resistance (Conductor to conductor)	10 MOhm.m mini	200 V DC	
	Dielectric test (Conductor to conductor)	1 minute	200 V AC	
	Temperature rating	-40°C to 80°C	UL2896	
	Voltage rating	30 V AC maxi	012090	
	Flame resistance	VW-1	UL758	
А	Differential impedance	100 Ω ± 10 Ω	-	
	Length L:2"-10"	5-10 Gigabits/sec	-	
	Length L:12"-24"	2-5 Gigabits/sec	_	

11

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Material

Material

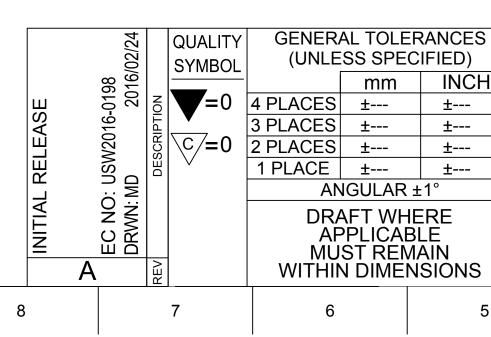
Material

12

Thickness

Thickness

Thickness



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6	

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PART NO.	CKTS	LENGTH
15021-0233	33	2"
15021-0433	33	4"
15021-0633	33	6"
15021-0833	33	8"
15021-1033	33	10"
15021-1233	33	12"
15021-2433	33	24"

2

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	_	
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INCH

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mm

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	DIVIENSIONS							
	ITEMS	ITEMS			REP.	NOMIN	4L	
	Number of condu	Number of conductors				33(=37-4)		
	Pitch	Pitch			Р	0.50 ± 0.05		
	Span				E	16.00 ± 0.05	5	E
	Width				W	17.00 ± 0.07		
	1 Total end Width				С	19.00 ± 0.15	5	
$\backslash$	Margin				М	0.50 ± 0.08		
1	Strip length				S1/S2	2.2 ± 0.5		
	Grounding length	)			G1/G2	6 ± 2		
	End thickness				Т	0.30 ± 0.05		D
	Reinforcement le				F1/F2	7.0 ± 1.5		
	Thickness ground	ding	area		А	0.50 ± 0.05		
	DIMENSIONAL T	OLE	ERANC	ES	DIMENS	SIONAL TOLE	RANCES	3
	45 mm TO 60 mm		±2 mm		1.772 TO 2.400 ±0		±0.079	) C
	61 mm TO 100 mn	า	±3 mm	ו	2.401 TC	0 3.975	±0.119	
	101 mm TO 200 m	m	±4 mm	ו	3.976 TC	0 7.912	±0.157	
	201 mm TO 1500 r	mm	±5 mm	ו	7.913 TC	0 59.055	±0.197	]
	DIMENSION STYLE		SCALE ONE		BIGN UNITS		ANGLE	B
DRA	WN BY DATE	TITLE	Ē					-
	IGGIKA 2016/02/25	5				′DS ⁻S 33		
	CKED BY DATE	_			UNI	3 33		
APP	ROVED BY DATE							-
						ORPORAT		
MAT	SEE CHART	DOC	UMENT NO		-15021-0	)33	SHEET NO.	A
SIZ C	THIS DRAWING CON						-	
-								

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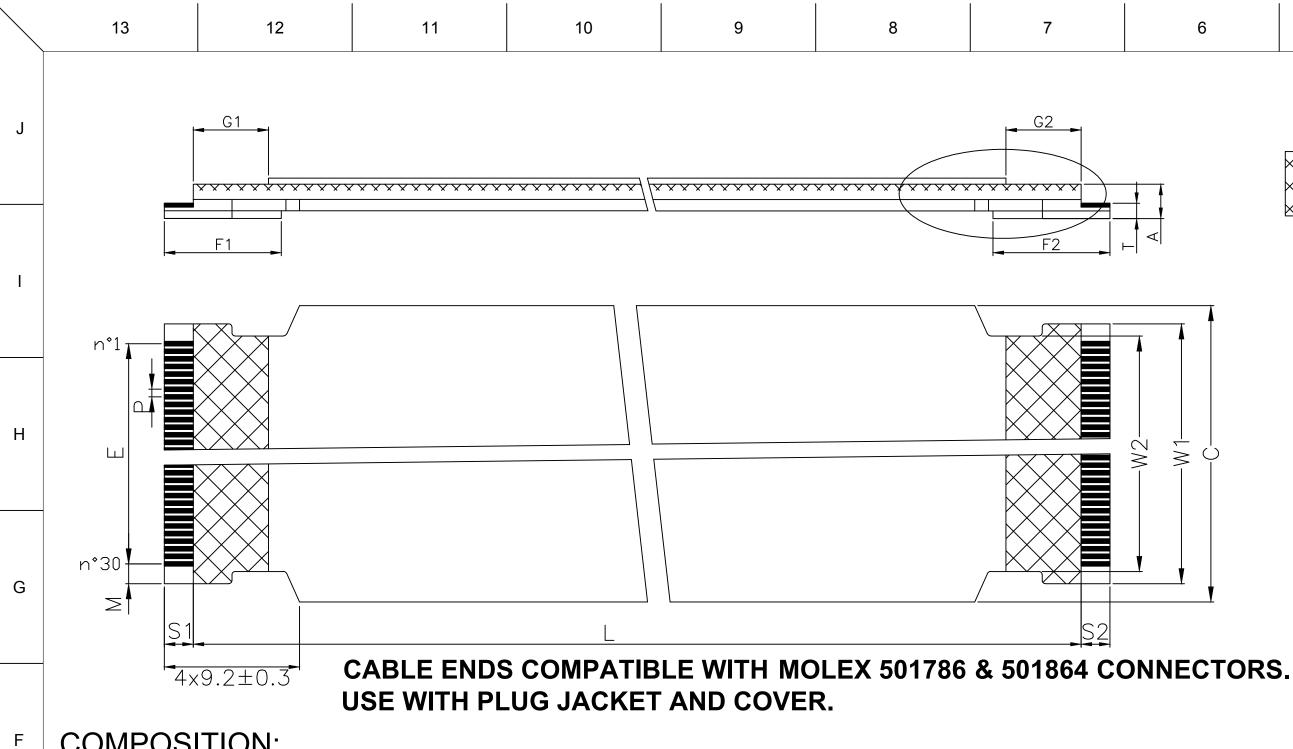
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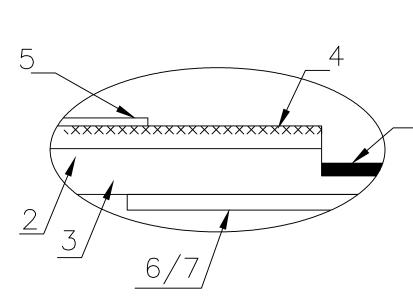
G

F



# COMPOSITION:

	Item	COMPONENTS		UNITS	SPECIFICATIONS
			Material	-	Gold plated contacts (0.3µm Ni/0.05µm Au min)
	1	Conductor	Width	mm	0.23 mm nominal
		Conductor	Thickness	mm	0.055 mm nominal
E	2	Insulation tape	Material	-	Polyester+flame retardant adhesive insulation
	2		Thickness	mm	0.100 mm nominal
	3	Insulation tape	Material	-	Polyester+flame retardant adhesive insulation
	5		Thickness	mm	0.100 mm nominal
	4	Aluminum tape	Material	-	Polyester/Aluminium/Adhesive
	4		Thickness	mm	0.119 mm nominal
	5	Insulation tape	Material	-	Polyester + FR adhesive insulation
D	5		Thickness	mm	0.043 mm nominal
	67	Reinforcement	Material	-	Blue Polyester
	6,7	Таре	Thickness	mm	0.155 mm nominal



### CHARACTERISTICS С

13

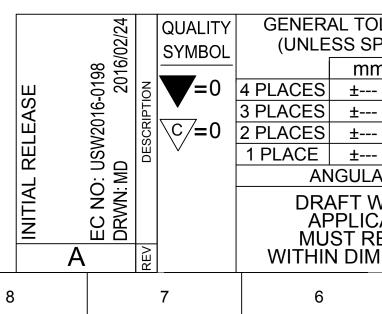
12

	ITEMS	VALUE	TEST METHOD
	Resistance of conductor at 20°C	1950 Ohm/km maxi	-
в	Insulation resistance (Conductor to conductor)	10 MOhm.m mini	200 V DC
	Dielectric test (Conductor to conductor)	1 minute	200 V AC
	Temperature rating	-40°C to 80°C	UL2896
	Voltage rating	30 V AC maxi	
	Flame resistance	VW-1	UL758
Α	Differential impedance	100 Ω ± 10 Ω	-
	Speed L: 2"-10"	5-10 Gigabits/sec	-
	Speed L: 12"-24"	2-5 Gigabits/sec	-

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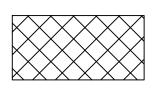
2





J

1



Grounding area

PART NO.	CKTS	LENGTH
15022-0230	30	2"
15022-0430	30	4"
15022-0630	30	6"
15022-0830	30	8"
15022-1030	30	10"
15022-1230	30	12"
15022-2430	30	24"
L		

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## G

F

Е

# **DIMENSIONS:**

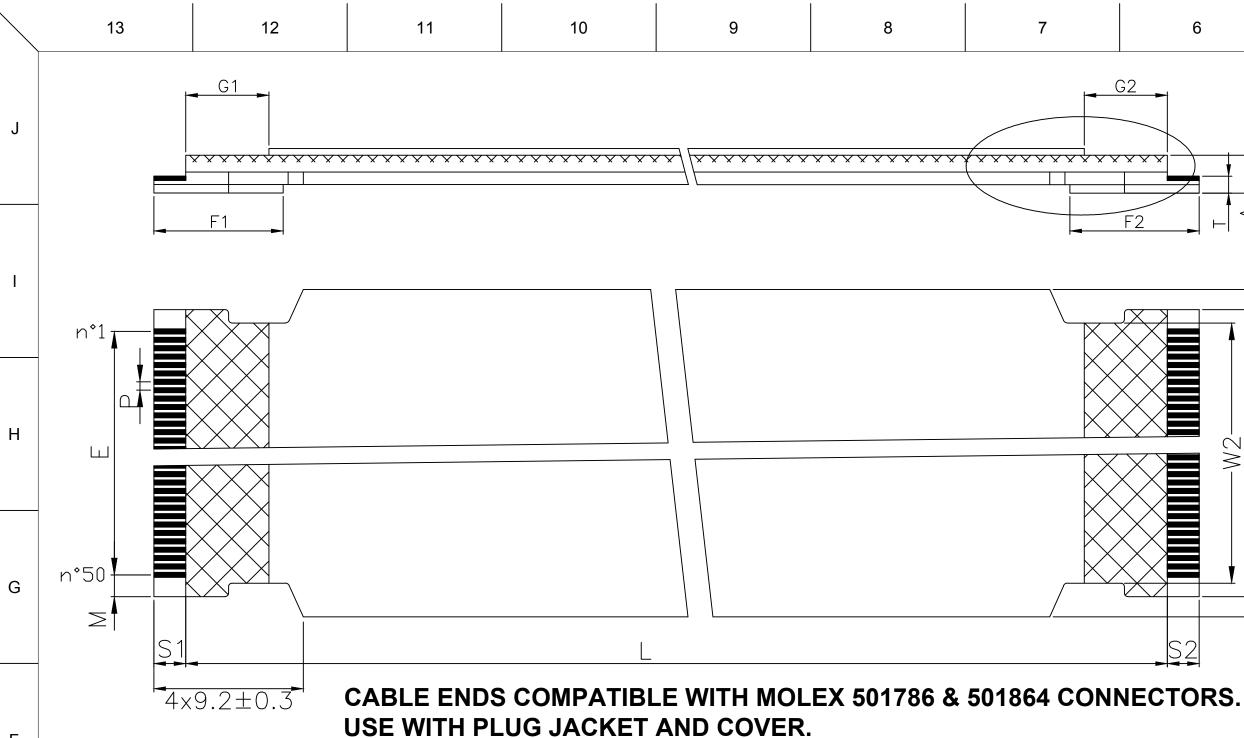
ITEMS		MARK	NOMINAL	MINIMUM	MAXIMUM
Number of conductors			30	30	30
Pitch	[mm]	Р	0.50 ± 0.05	0.45	0.55
Span	[mm]	E	14.50 ± 0.06	14.44	14.56
Total width cable body	[mm]	С	19.5 ± 0.2	19.3	19.7
Punched total width	[mm]	W1	17.10 ± 0.04	17.06	17.14
Punched width	[mm]	W2	15.5 ± 0.05	15.45	15.55
Margin notched	[mm]	М	1.30 ± 0.06	1.24	1.36
End thickness	[mm]	Т	$0.30 \pm 0.05$	0.25	0.35
Thickness grounding area	[mm]	A	0.50 ± 0.05	0.45	0.55
Reinforcement length	[mm]	F1,F2	7.7 ± 1.5	6.2	9.2
Strip length	[mm]	S1,S2	1.9 ± 0.5	1.4	2.4
Grounding length	[mm]	G1,G2	6 ± 2	4	8

DIMENSIONAL TOLE	RANCES	DIMENSIONAL TOLE	RANCES
		1.772 TO 2.400	±0.079
61 mm TO 100 mm	±3 mm	2.401 TO 3.975	±0.119
101 mm TO 200 mm	±4 mm	3.976 TO 7.912	±0.157
201 mm TO 1500 mm	±5 mm	7.913 TO 59.055	±0.197

DIMENSION STYLE SCALE DESIGN UNITS GENERAL TOLERANCES INCH [MM] NONE METRIC (UNLESS SPECIFIED) В DATE DRAWN BY TITLE INCH mm LVDS MDIGGIKA 2016/02/25 ±---CKTS 30 CHECKED BY DATE ±---±---APPROVED BY DATE ±---±---MOLEX INCORPORATED **Mole** ANGULAR ±1° ---- $\mathbf{X}$ DOCUMENT NO. MATERIAL NO. SHEET NO. DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS Α 1 OF 1 SEE CHART SD-15022-030 SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION 5 3 2 1 4

D

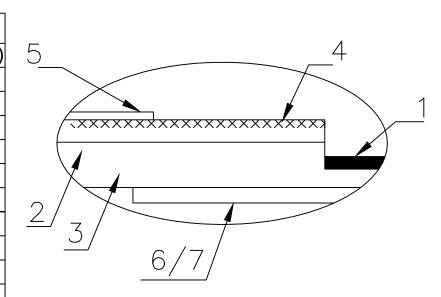
С



F

## COMPOSITION:

E	Item	COMPONENTS		UNITS	SPECIFICATIONS
			Material	-	Gold plated contacts (0.3µm Ni/0.05µm Au min)
	1	Conductor	Width	mm	0.23 mm nominal
		Conductor	Thickness	mm	0.055 mm nominal
	2	Insulation tape	Material	-	Polyester+flame retardant adhesive insulation
		insulation tape	Thickness	mm	0.100 mm nominal
	3	Insulation tape	Material	-	Polyester+flame retardant adhesive insulation
D			Thickness	mm	0.100 mm nominal
	4	Aluminum tape Material		-	Polyester/Aluminium/Adhesive
	4		Thickness	mm	0.119 mm nominal
	E	Inculation tang	Material	-	Polyester + FR adhesive insulation
	5	Insulation tape	Thickness	mm	0.043 mm nominal
	67	Reinforcement	Material	-	Blue Polyester
С	6,7	/ Tape	Thickness	mm	0.155 mm nominal



## **CHARACTERISTICS**

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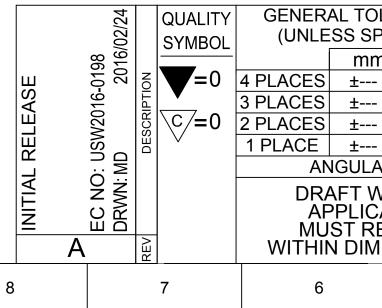
12

	ITEMS	VALUE	TEST METHOD
В	Resistance of conductor at 20°C	1950 Ohm/km maxi	-
	Insulation resistance	10 MOhm.m mini	200 V DC
	(Conductor to conductor)		200 V DC
	Dielectric test	1 minute	200 V AC
	(Conductor to conductor)	I IIIIIute	200 V AC
	Temperature rating	-40°C to 80°C	UL2896
	Voltage rating	30 V AC maxi	UL2090
	Flame resistance	VW-1	UL758
A	Differential impedance	100 Ω ± 10 Ω	-
	Speed L: 2"-10"	5-10 Gigabits/sec	-
	Speed L: 12"-24"	2-5 Gigabits/sec	-

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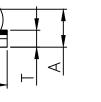
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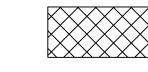


6	5	4

1







$\mathbf{X}$	Grounding
	area

PART NO.	CKTS	LENGTH
15022-0250	50	2"
15022-0450	50	4"
15022-0650	50	6"
15022-0850	50	8"
15022-1050	50	10"
15022-1250	50	12"
15022-2450	50	24"
15022-1250	50	12"

2



J



D

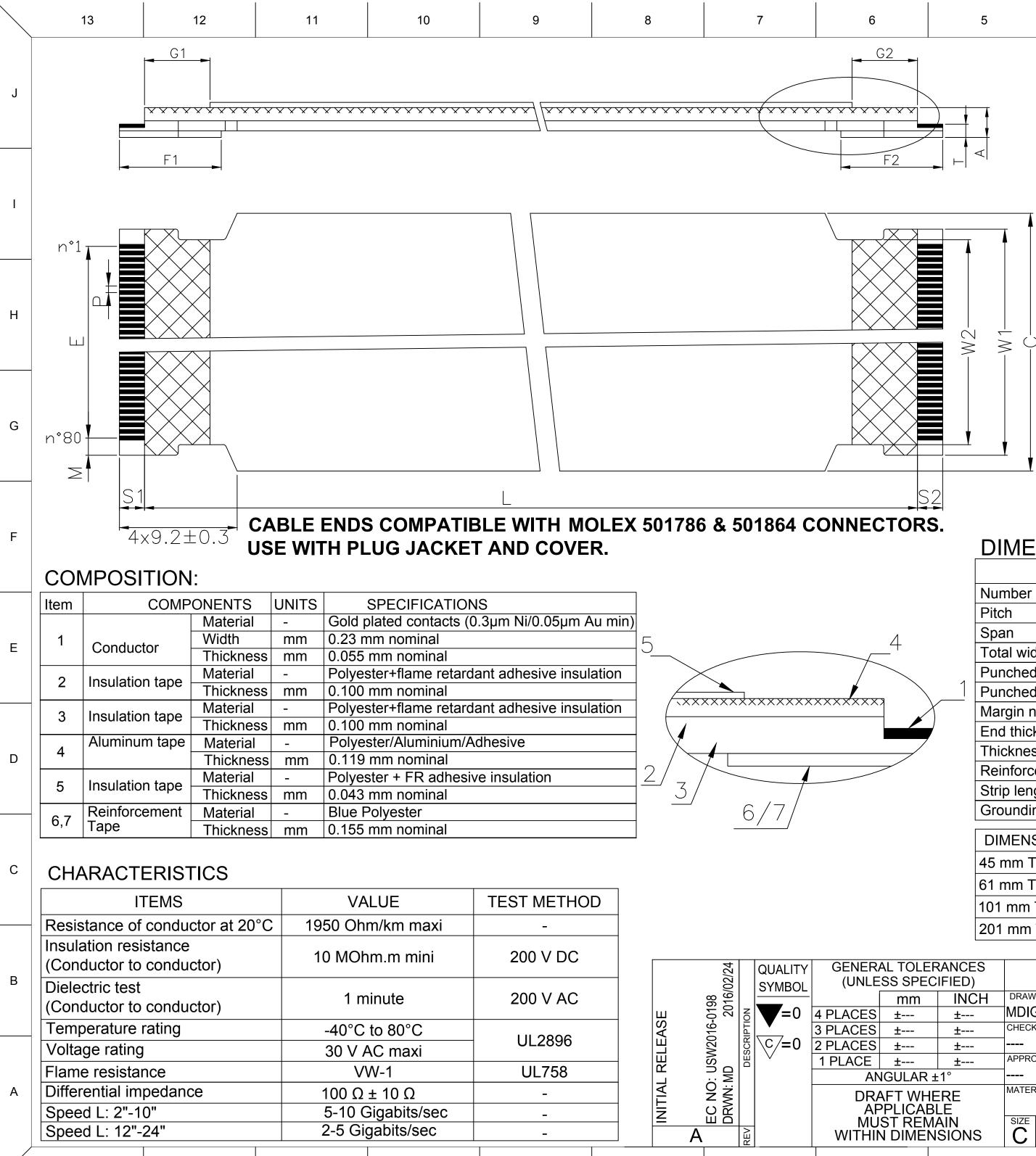
С

# W2. IS2

ITEMS		MARK	NOMINAL	MINIMUM	MAXIMUM	
Number of conductors			50	50	50	F
Pitch	[mm]	Р	0.50 ± 0.05	0.45	0.55	
Span	[mm]	E	$24.50 \pm 0.06$	24.44	24.56	
Total width cable body	[mm]	С	29.5 ± 0.2	29.3	29.7	
Punched total width	[mm]	W1	27.10 ± 0.04	27.06	27.14	
Punched width	[mm]	W2	25.5 ± 0.05	25.45	25.55	
Margin notched	[mm]	M	1.30 ± 0.06	1.24	1.36	
End thickness	[mm]	Т	0.30 ± 0.03	0.27	0.33	E
Thickness grounding area	[mm]	A	0.50 ± 0.05	0.45	0.55	
Reinforcement length	[mm]	F1,F2	7.7 ± 1.5	6.2	9.2	
Strip length	[mm]	S1,S2	1.9 ± 0.5	1.4	2.4	
Grounding length	[mm]	G1,G2	6 ± 2	4	8	
						1

DIMENSIONAL TOLE	RANCES	DIMENSIONAL TOLERANCES			
45 mm TO 60 mm	±2 mm	1.772 TO 2.400	±0.079		
61 mm TO 100 mm	±3 mm	2.401 TO 3.975	±0.119		
101 mm TO 200 mm	±4 mm	3.976 TO 7.912	±0.157		
201 mm TO 1500 mm	±5 mm	7.913 TO 59.055	±0.197		

DIMENSION STYLE SCALE DESIGN UNITS GENERAL TOLERANCES INCH [MM] NONE METRIC (UNLESS SPECIFIED) В DATE DRAWN BY TITLE INCH mm LVDS MDIGGIKA 2016/02/25 ±---CKTS 50 CHECKED BY DATE ±---±---APPROVED BY DATE ±---±---MOLEX INCORPORATED Molex ANGULAR ±1° ----MATERIAL NO. DOCUMENT NO. SHEET NO. DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS Α 1 OF 1 SEE CHART SD-15022-050 SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION 5 4 3 2 1





Grounding area

PART NO.	CKTS	LENGTH
15022-0280	80	2"
15022-0480	80	4"
15022-0680	80	6"
15022-0880	80	8"
15022-1080	80	10"
15022-1280	80	12"
15022-2480	80	24"

D	IN	1E	NS	0	NS:

		ITEMS			MARK	NOMINAL	MINIMUM	MAXIMUM		
	Nur	nber of conductors				80	80	80		
	Pito	h	[mr	n]	Р	0.50 ± 0.05	0.45	0.55		
	Spa	an	[mr	n]	E	39.50 ± 0.06	39.44	39.56		
	Tota	al width cable body	[mr	n]	С	44.5 ± 0.2	44.3	44.7	E	
	Pur	nched total width	[mr	n]	W1	42.10 ± 0.04	42.06	42.14		
1	Pur	nched width	[mr	n]	W2	40.5 ± 0.05	40.45	40.55		
	Mar	gin notched	[mr	m]	M	1.30 ± 0.06	1.24	1.36		
	Enc	l thickness	[mr	n]	Т	0.30 ± 0.03	0.27	0.33		
	Thio	ckness grounding a	rea[mr	n]	A	0.50 ± 0.05	0.45	0.55	D	
	Rei	nforcement length	[mr	n]	F1,F2	7.7 ± 1.5	6.2	9.2		
	Stri	p length	[mr	n]	S1,S2	1.9 ± 0.5	1.4	2.4		
	Gro	unding length	[mr	n]	G1,G2	6 ± 2	4	8		
	DI	MENSIONAL TOLE	RANC	ES		NSIONAL TOL	ERANCES	]		
		nm TO 60 mm	±2 mr		1.772	±0.079	-			
						-			С	
		mm TO 100 mm	±3 mr		2.401 TO 3.975 ±0.119			-		
		mm TO 200 mm	±4 mr		-	TO 7.912	±0.157	-		
	201 mm TO 1500 mm  ±5 mm				7.913	TO 59.055	±0.197			
		1								
ANCE FIED)	NCES DIMENSION STYLE IED) INCH [MM]				DNE	DESIGN UNITS METRIC (		RD ANGLE	В	
INC	Н	DRAWN BY DATE		TITLE		LVE			1	
±		MDIGGIKA 2016 CHECKED BY DATE	6/02/25			CKTS				
± ±						UNIX	5 00			
I			_							

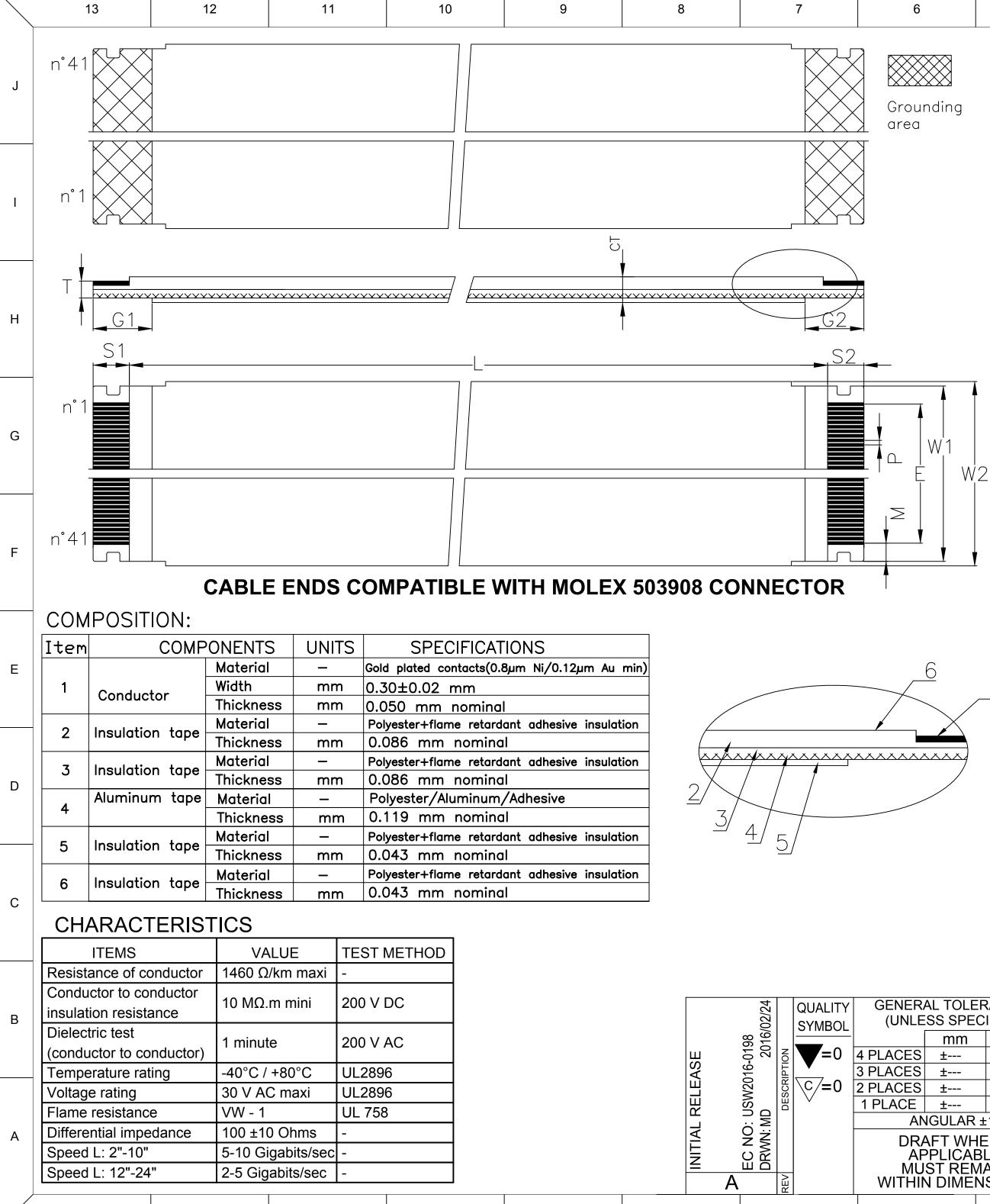
ES	±	±	סוטואן	GINA	2010/02/2	20	CKTS 80				
ES	±	±	CHECK	ED BY	DATE						
ES	±	±	]		-						
E	±	±	APPRO	VED BY	DATE	Molex	Molex MOLEX INCORPORATED				
AN	GULAR	±1°			-						
	FT WH	ERE	MATER			DOCUMENT				SHEET NO.	Α
	PLIČAE			SEE	CHART		SD-	15022-080		1 OF 1	
	ST REM		SIZE	THI	S DRAWING C	ONTAINS INF	ORMATI	ON THAT IS PROPRIET	FARY TO	MOLEX	
HIN		NSIONS	C	INCC	ORPORATED A	ND SHOULD	NOT BE I	JSED WITHOUT WRIT	TEN PER	MISSION	
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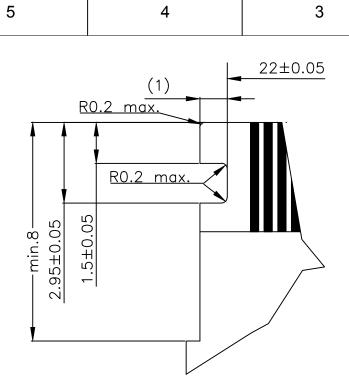
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	PART NO.	CK	TS	LENGTH
1	5023-0241	4	1	2"
1	5023-0441	4	1	4"
1	5023-0641	4	1	6"
1	5023-0841	4	1	8"
1	5023-1041	4	1	10"
1	5023-1241	4	1	12"
1	5023-2441	4	1	24"

# **DIMENSIONS:**

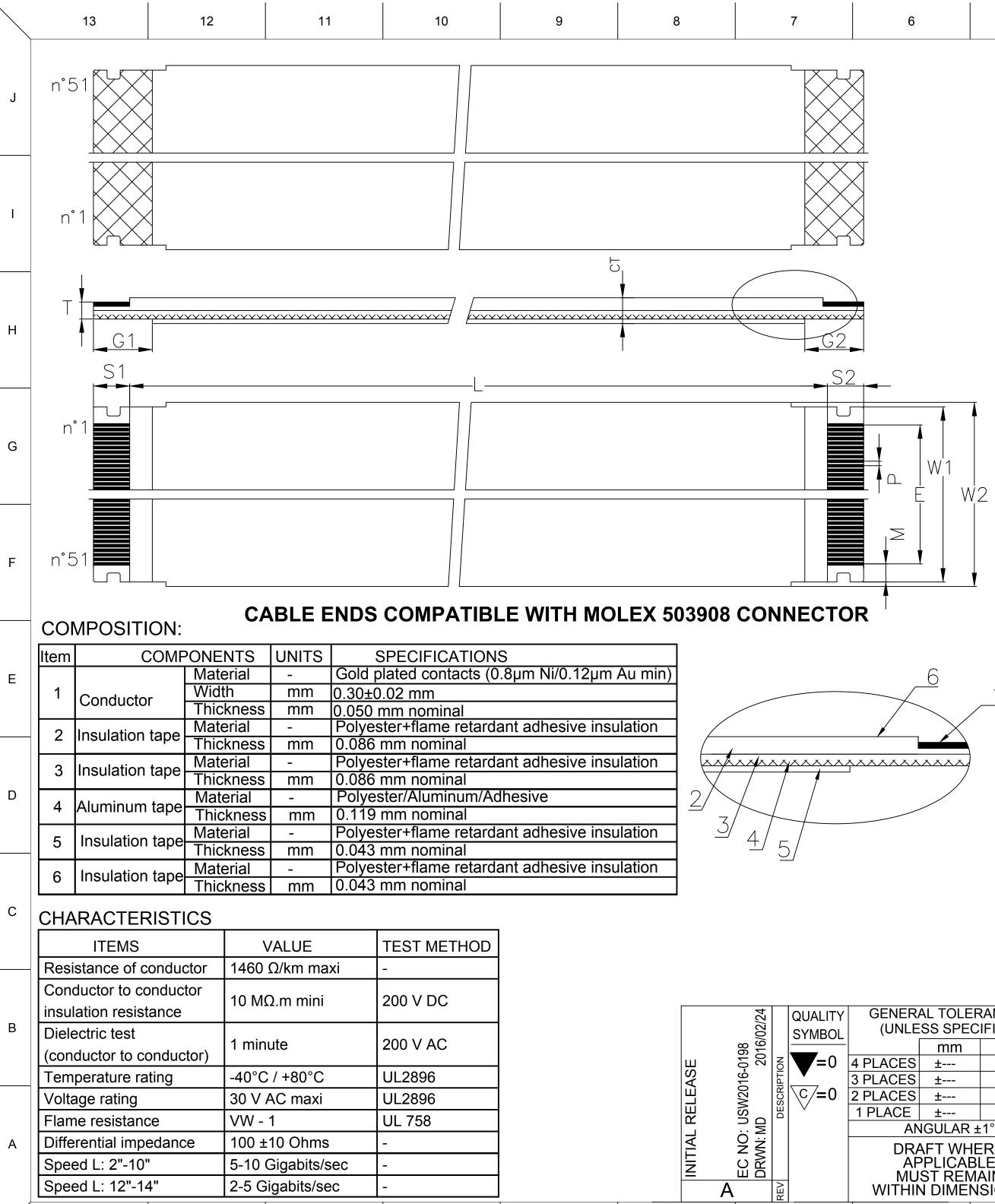
	ITEMS					RK	NC	OMINAL	MIN	IMUM	MAXIMUM	
	Number of conductors						2	11	41		41	
	Pito	h		[mm]	F	)	0.50	± 0.05	0.4	5	0.55	E
1	Spa	an		[mm]	E		20.0	0 ± 0.05	19.	95	20.05	
	Tot	al wid	lth	[mm]	V	V1	24.0	00 ± 0.04	23.	96	24.04	
	Tot	al wid	Ith cable body	/[mm]	V	V2	25.0	) ± 0.1	24.	9	25.1	
	Mai	rgin n	otched	[mm]	N	1	2.00	) ± 0.08	1.9	2	2.08	
	Enc	d thick	ness	[mm]	Т	•	0.33	± 0.03	0.3	0	0.36	D
	Cat	ole thi	ckness	[mm]	C	Т	0.42	5 ± 0.05	0.3	75	0.475	
	Stri	p lenç	gth	[mm]	S1,8	S2	4.0	± 0.5	3.5		4.5	
	Gro	oundir	ng length	[mm]	G1,	G2	6 ± 2	2	4		8	
	DIMENSIONAL TOLERANC45 mm TO 60 mm±2 mm61 mm TO 100 mm±3 mm101 mm TO 200mm±4 mm			n n n	1.7 2.4 3.9	72 TO 401 TC 976 TC	IONAL TC 2.400 3.975 7.912	:	ANCE ±0.079 ±0.119 ±0.157 ±0.197		С	
RANCES CIFIED) INC ±	D) INCH [MM] NCH DRAWN BY DATE MDIGGIKA 2016/02/25		SC	SCALE DESIGN UNITS O THIRD ANGLE NONE METRIC O PROJECTION				B				
± ±1° ERE 3LE 1AIN NSIONS	APPROVED BY DATE Molex MATERIAL NO. SEE CHART SIZE THIS DRAWING CONTAINS INF				J MENT I S INF(	NO. SD- DRMATIC		041 PROPF	RIETARY	SHEET NO. 1 OF 1 'TO MOLEX	A	
	5		4			3		2			1	$\backslash$

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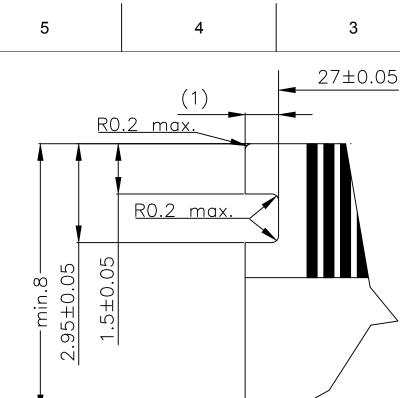
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PART NO.	СК	TS	LENGTH				
15023-0251	5	1	2"				
15023-0451	5	1	4"				
15023-0651	5	1	6"				
15023-0851	5	1	8"				
15023-1051	5	1	10"				
15023-1251	5	1	12"				
15023-2451	5	1	24"				

6	1
′  \	

			DIME	ISIA	ONS:											
			ITEMS				MAF	MARK		NOMINAL		MINIMUM		MAXIMUM		
	6		Number of conductors				51			51			51			
		Pitch	:h		[mm] P			0.50 ± 0.05		5 (	0.45		0.55		E	
		Span			[mm]	nm] E		25.00 ± 0.05		5 2	24.95		25.05			
	_ X [·		Total v	width		[mm]	W	/1	29.00 ± 0.04		)4 2	28.96		29.04		
		Total width cable body		[mm]	[mm] V		2 30.0 ± 0.1			29.9		30.1				
		Margin notched		[mm]	mm] M		2.00 ± 0.08			1.92		2.08				
		End thickness		[mm]	mm] T		0.33 ± 0.03		6 (	0.30		0.36		D		
		Cable thickness		- [mm]	mm] C		0.425 ± 0.05		5 (	0.375		0.475				
		Strip le	ength		[mm]	S1,5	52	4.	0 ± 0.5		3.5		4.5			
-		Groun	ding le	ength	[mm]	G1,0	G2	6 ±	£ 2	2	4		8			
				-				I			I					
			DIMENSIONAL TOLERAN			RAN				ENSIONAL TOLERANCES						
		45 mm TO 60 mm		±2 m	nm 🛛	1.772 TO 2.400				±0.079				С		
		61 mm TO 100 mm			±3 m	nm 2.		401 TO 3.975			±0.119		9			
	1		101 mm TO 200 mm			±4 mm		3.9	3.976 TO 7.912			±0.157				
-				±5 mm			7.913 TO 59.055			±0.19		_				
						±0 II	SCALE DESIGN UNI									
ERAL TOLERANCESDIMENSION STYLENLESS SPECIFIED)INCH [MM]						NONE METR								В		
<u>г</u>	mm		DRAW		DATE	ТІ	TITLE				11(00					
ES	±	±	MDIGGIKA 2016/02/25 LVDS													
ES ES	±	±	CHECKED BY DATE CKTS 51													
DE	 	± ±														
	_	LAR ±1° Molex						MOLEX INCORPORATED								
ORAFT WHERE APPLICABLE			MATERIAL NO. DOC				SD-15023-051 SHEET NO. 1 OF 1						A			
MUS	IUST REMAIN IN DIMENSIONS C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
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