

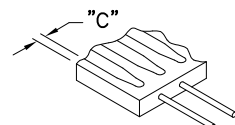
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LOC	DIST	REVISIONS					
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			H1	ECR-11-025464	16DEC11	RK	BVH

NOTES:

- △ PITCH TOLERANCE TO BE $\pm 0.18[.007]$ FOR $1.27[.050]$ PITCH JUMPERS
& $\pm 0.25[.010]$ FOR ALL REMAINING PITCHES.
TOLERANCE TO BE NON CUMULATIVE OVER GAUGE LENGTH.
- △ 11.92–152.40[.500–6.000] ARE STANDARD LENGTHS. JUMPERS ARE AVAILABLE
IN INCREMENTS OF $2.50[.10]$ PLUS $6.35[.25]$ AND $19.05[.75]$.
- △ DELETED
- △ FOR CONDUCTOR PITCH 7 (2mm), ON PAGE 2 & 3, DIMENSION "B" IS $2.00[.079]$
- △ SPECIAL PIN LENGTHS ARE AVAILABLE FOR JUMPERS WITH A PIN CONFIGURATION
OF "A" OR "B" ON LENGTHS OF UP TO $609.6[24.0]$ IN $2.54[.100]$ & $5.08[.200]$ PITCH
VARIANTS ONLY BY ADDING THE FOLLOWING SUFFIXES:

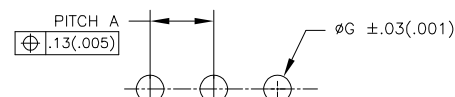
SUFFIX	PEN LENGTH	TOLERANCE
V1	2.85 (.112)	±.305 [±.012]
V2	3.40 (.134)	
V3	4.10 (.161)	
V4	6.50 (.256)	
V5	3.10 (.122)	
V6	2.81 (.150)	
V7	4.50 (.177)	
V8	2.00 (.079)	
V9	TBD	
V10	.76 (.030)	
V11	2.41 (.095)	



DIMENSION FROM THE EDGE
OF INSULATION MATERIAL TO
EDGE OF THE FIRST COND.
EXCEPT "M" STYLE.

6. RECOMMENDED PCB HOLE DRILLING DETAILS ARE AS FOLLOWS:-

PITCH A	ØG
1.27 (.050)	.70 (.028)
1.90 (.075)	.80 (.031)
2.54 (.100)	.95 (.037)
3.18 (.125)	.95 (.037)
3.81 (.150)	.95 (.037)
5.08 (.200)	.95 (.037)

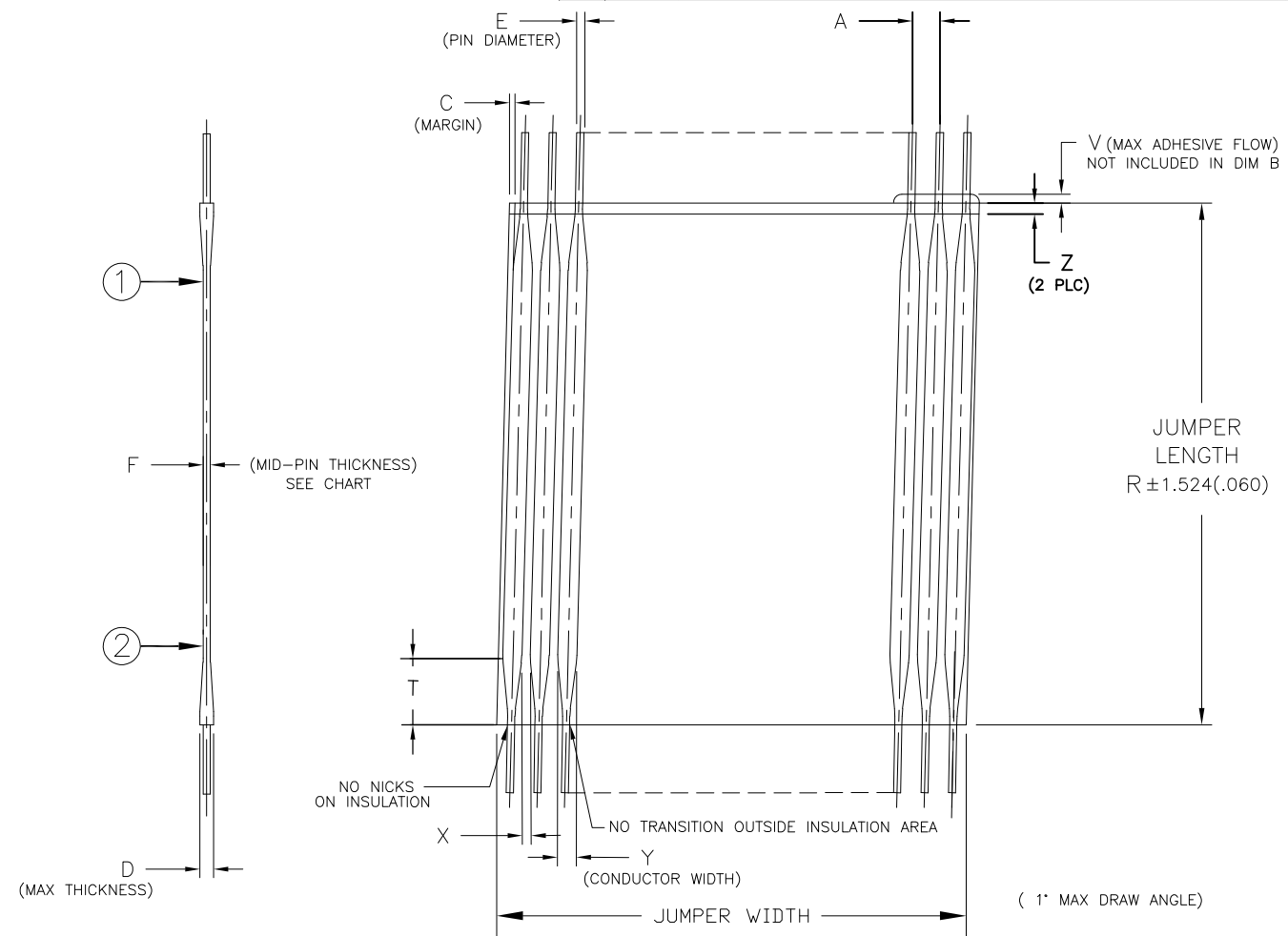


7. BEND RADIUS TO APPLY ONLY IN THE FLAT SECTION OF JUMPER BETWEEN THE CONDUCTOR TRANSITION AREAS.
8. PER 108-2135.
9. TOOL MARKS PERMISSIBLE ON BENDS. NO EXPOSED COPPER.
10. PIN DIAMETER SPECIFIED NOT APPLICABLE IN BENDING AREA OF PIN, DUE TO NORMAL DEFORMATION OF BENDING PROCESS.
11. REFER TO RELEVANT MATERIAL SPECIFICATIONS.

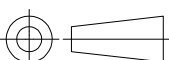
F – MID POINT THICKNESS BETWEEN PT 1 & PT 2	MINIMUM	MAXIMUM
NOMEX®	.152 [.006]	.305 [.012]
POLYESTER	.152 [.006]	.305 [.012]
KAPTON®	.102 [.004]	.254 [.010]
TEFLON®	.305 [.012]	.533 [.021]

12. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF THE CONNECTIVITY STANDARD 230-702.

Nomex®, Teflon® and Kapton® are trademarks of E. I. DuPont de Nemours.



JUMPER LENGTH	PITCH (NOMINAL)	TRANSITION MAX	MAX/MIN MARGIN	 PIN DIAMETER	WIRE GAUGE (AWG)	MIN/MAX No OF CONDUCTORS	MAXIMUM ADHESIVE FLOW	MIN GAP BETWEEN CONDUCTORS	CONDUCTOR WIDTH	MAXIMUM INSULATION MISMATCH	MAX THICKNESS
R 	A 	T	C	E	—	—	V	X	Y	Z	D
11.93 (.50) TO 863.6 (30.00) IN STEPS OF 2.50 (.10) PLUS 6.35 (.25) AND 19.05 (.75)	1.00 (0.039)	4.32 [.170]	0.35 (0.014) 0.17 (0.007)	0.330 (0.0130) 0.317 (0.0125)	28	2—70	0.38 (0.015)	0.13 (0.009)	0.76 (0.030) 0.56 (0.022)	.76 (.030)	.64
	1.25 (0.049)	4.32 [.170]	0.50 (0.020) 0.17 (0.007)	0.330 (0.0130) 0.317 (0.0125)	28	2—70	0.38 (0.015)	0.25 (0.010)	0.89 (0.035) 0.64 (0.025)	.76 (.030)	.64
	1.27 (0.050)	4.32 [.170]	0.50 (0.020) 0.17 (0.007)	0.330 (0.0130) 0.317 (0.0125)	28	2—70	0.38 (0.015)	0.25 (0.010)	0.89 (0.035) 0.64 (0.025)	.76 (.030)	.64
	2.00 (0.079)	5.08 [.200]	0.70 (0.028) 0.25 (0.010)	0.416 (0.0164) 0.400 (0.0157)	26	2—50	0.38 (0.015)	0.38 (0.015)	1.14 (0.045) 0.89 (0.035)	.76 (.030)	.84
	1.90 (0.075)	5.08 [.200]	0.70 (0.028) 0.25 (0.010)	0.416 (0.0164) 0.400 (0.0157)	26	2—50	0.38 (0.015)	0.38 (0.015)	1.14 (0.045) 0.89 (0.035)	.76 (.030)	.84
	2.54 (0.100)	6.35 [.250]	0.80 (0.031) 0.25 (0.010)	0.526 (0.0207) 0.505 (0.0199)	24	2—50	0.51 (0.020)	0.51 (0.020)	1.52 (0.060) 1.27 (0.050)	.76 (.030)	.84
	3.18 (0.125)	6.35 [.250]	1.00 (0.039) 0.25 (0.010)	0.526 (0.0207) 0.505 (0.0199)	24	2—25	0.51 (0.020)	0.51 (0.020)	1.52 (0.060) 1.27 (0.050)	.76 (.030)	.84
	3.81 (0.150)	6.35 [.250]	1.00 (0.039) 0.25 (0.010)	0.526 (0.0207) 0.505 (0.0199)	24	2—20	0.51 (0.020)	0.51 (0.020)	1.52 (0.060) 1.27 (0.050)	.76 (.030)	.84
	5.08 (0.200)	6.35 [.250]	1.00 (0.039) 0.25 (0.010)	0.526 (0.0207) 0.505 (0.0199)	24	2—15	0.51 (0.020)	0.51 (0.020)	1.52 (0.060) 1.27 (0.050)	.76 (.030)	.84

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. SCHWARTZ 28FEB01		 TE Connectivity	
DIMENSIONS: MM [INCHES]		CHK E. FOX 28FEB01			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD E. FOX 28FEB01		NAME FLEXSTRIP PIN CONFIGURATIONS, GENERIC	
		PRODUCT SPEC —		—	
		APPLICATION SPEC —		—	
MATERIAL —		FINISH —		SIZE A3	CAGE CODE 000779
		WEIGHT —		DRAWING NO C-1474339	
CUSTOMER DRAWING				SCALE N T S	SHEET 1 OF 4
				REV H1	

1470-19 (3/11)

4

3

2

1

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LOC

DIST

REVISIONS

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LTR

DESCRIPTION

DATE

DWN

APVD

GP

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SEE SHEET 1

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NORMAL CONDUCTOR PITCH		1.00 (.039)	1.25 (.049)	1.27 (.050)	1.90 (.075)	2.00 (.078)	2.54 (.100)	3.18 (.125)	3.81 (.150)	5.08 (.200)
WIRE GAUGE		AWG 28	AWG 28	AWG 28	AWG 26	AWG 26	AWG 24	AWG 24	AWG 24	AWG 24
NOMINAL WIRE DIAMETER		.32(.0126)	.32(.0126)	.32(.0126)	.40(.0159)	.40(.0159)	.51(.0201)	.51(.0201)	.51(.0201)	.51(.0201)
CURRENT RATING		8	8	8	8	8	8	8	8	8
VOLTAGE RATING		8	8	8	8	8	8	8	8	8
MAX NUMBER OF CONDUCTORS PER JUMPER		8	8	8	8	8	8	8	8	8
MIN BREAKDOWN VOLTAGE @ 1 MIN		8	8	8	8	8	8	8	8	8
INSULATION RESISTANCE (GND. SIG. GND) 305 (12') SAMPLE @ 500VDC	P N T K	8	8	8	8	8	8	8	8	8
CAPACITANCE (pf / 50.8 (12') LENGTH) (GND, SIG, GND) (AVERAGE)	P N T K	8	8	8	8	8	8	8	8	8
CHARACTERISTIC IMPEDANCE (GND. SIG. GND) (AVERAGE)	P N T K	8	8	8	8	8	8	8	8	8
APPLICATION TEMP RANGE (C°) (FOR SOLDERING)	P N T K	200 / 4 sec 200 / 4 sec 240 / 4 sec 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec 240 / 4 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec 260 / 5 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec 260 / 5 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec 260 / 5 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec 260 / 5 sec
OPERATING TEMPERATURE (C°) 11	P N T K	-40 to 105 (For all Conductor Pitches) -40 to 125 (For all Conductor Pitches) -40 to 150 (For all Conductor Pitches) -40 to 150 (For all Conductor Pitches)								
MINIMUM BEND RADIUS 7	P N T K	3.18mm (For all Conductor Pitches) 3.18mm (For all Conductor Pitches) 3.18mm (For all Conductor Pitches) 3.18mm (For all Conductor Pitches)								
UL STYLE NUMBER	P N T K	2639 (For all Conductor Pitches .100 and above) 5456 (For all Conductor Pitches .100 and above) 2928 (For all Conductor Pitches .100 and above) 2927 (For all Conductor Pitches .100 and above)								

ABR.	MATERIAL	SPECIFICATION
	COPPER WIRE	100-1577
P	POLYESTER	100-1575
N	NOMEX®	100-1758
T	TEFLON®	100-1574
K	KAPTON®	100-1576

Nomex®, Teflon® and Kapton® are trademarks of E. I. DuPont de Nemours.

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DIMENSIONS:
MM [INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± 1/2°

MATERIAL

-

FINISH

-

DWN
J. SCHWARTZ
28FEB01

CHK
E. FOX
28FEB01

APVD
E. FOX
28FEB01

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

TE Connectivity

FLEXSTRIP PIN CONFIGURATIONS, GENERIC

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-1474339

RESTRICTED TO
-

CUSTOMER DRAWING

SCALE
N.T.S.

SHEET
4 OF 4

REV
H1

1470-19 (3/11)

Mouser Electronics

Authorized Distributor

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