

4		3		2		1																															
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									—	SEE SHEET 1	—	—	—																								
A — STRAIGHT PINS		B — RIGHT ANGLE PINS (BENT DOWN)		C — RIGHT ANGLE STAGGERED PINS (PIN 1 SHORT, BENT DOWN)		D — STRAIGHT ANGLE STAGGERED PINS (PIN 1 STRAIGHT)																															
STANDARD JUMPERS SMART DESCRIPTION				MANUFACTURING NOTE: MINIMUM GAP BETWEEN STRIPS				STANDARD LINE JOBS																													
AUTOMOTIVE USE ONLY FLEXSTRIP PRODUCT CODE INSULATION MATERIAL: N — NOMEX® P — POLYESTER T — TEFLON® K — KAPTON® CONDUCTOR PITCH: 1 — 1.27(.050) 2 — 2.54(.100) 3 — 3.18(.125) 4 — 3.81(.150) 5 — 5.08(.200) 6 — 1.90(.075) 7 — 2.00(.078) 8 — 1.25(.049) 9 — 1.00(.039) FS N — 1 2 A — 70 NUMBER OF CONDUCTORS PIN ARRANGEMENT (FOR BOTH ENDS) A THRU Z INSULATION LENGTH IN INCHES .50 MIN. — 30.0 MAX. IN .100 INCREMENTS PLUS, .25 AND .75				<table><tr><td>SK/A/Z</td><td>.75 INCH</td></tr><tr><td>LP</td><td>1.1 INCH</td></tr></table> MINIMUM CONDUCTOR COUNT PER STRIP FOR LINE JOBS <table><tr><th>PITCH</th><th>CONDUCTOR</th></tr><tr><td>1 1.27 (.050)</td><td>60</td></tr><tr><td>2 2.54 (.100)</td><td>60</td></tr><tr><td>3 3.18 (.125)</td><td>60</td></tr><tr><td>4 3.81 (.150)</td><td>50</td></tr><tr><td>5 5.08 (.200)</td><td>40</td></tr><tr><td>6 1.91 (.075)</td><td>60</td></tr><tr><td>7 2.0 (.078)</td><td>60</td></tr><tr><td>8 1.24 (.049)</td><td>60</td></tr><tr><td>9 1.0 (.039)</td><td>80</td></tr></table>				SK/A/Z	.75 INCH	LP	1.1 INCH	PITCH	CONDUCTOR	1 1.27 (.050)	60	2 2.54 (.100)	60	3 3.18 (.125)	60	4 3.81 (.150)	50	5 5.08 (.200)	40	6 1.91 (.075)	60	7 2.0 (.078)	60	8 1.24 (.049)	60	9 1.0 (.039)	80	FLEX STRIP MATERIAL: N — NOMEX® P — POLYESTER T — TEFLON® K — KAPTON® CONDUCTOR PITCH: 1 — 1.27(.050) 2 — 2.54(.100) 3 — 3.18(.125) 4 — 3.81(.150) 5 — 5.08(.200) 6 — 1.90(.075) 7 — 2.00(.078) 8 — 1.25(.049) 9 — 1.00(.039) THE FOLLOWING ORDERING CODE IS A SPECIAL FOR TE CONNECTIVITY GERMANY DESCRIBING A STRIP OF ANY INSULATION MATERIAL, ANY PITCH AND ANY INSULATION LENGTH WITH A 11.00[.433] MIN PIN LENGTH UNLESS OTHERWISE SPECIFIED:— FS X—X X J—A A W FS N 1 — 2 SK (LP) LONG PIN (OPTIONAL) LINE JOB DESIGNATOR (SK, A, Z) INSULATION LENGTH IN INCHES .5 MIN. — 30.0 MAX. IN .100 INCREMENTS, PLUS .25 & .75					
SK/A/Z	.75 INCH																																				
LP	1.1 INCH																																				
PITCH	CONDUCTOR																																				
1 1.27 (.050)	60																																				
2 2.54 (.100)	60																																				
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9 1.0 (.039)	80																																				
Nomex®, Teflon® and Kapton® are trademarks of E. I. DuPont de Nemours.				THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN J. SCHWARTZ 28FEB01 CHK E. FOX 28FEB01 APVD E. FOX 28FEB01 PRODUCT SPEC APPLICATION SPEC WEIGHT —																													
DIMENSIONS: MM [INCHES]				TOLERANCES UNLESS OTHERWISE SPECIFIED:				NAME FLEXSTRIP PIN CONFIGURATIONS, GENERIC																													
				0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± 1/2°				SIZE A3																													
MATERIAL —				FINISH —				CAGE CODE 00779																													
								DRAWING NO C=1474339																													
								RESTRICTED TO —																													
								SCALE N.T.S.																													
								SHEET 2 OF 4																													
								REV H1																													

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LOC
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REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

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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

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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

NAME
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

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity:

[FSP-14A-3](#) [FSP-12A-2](#) [FSP-12A-6](#) [FST-12A-7](#) [FST-12A-6](#) [FST-12A-9](#) [FST-12A-5](#) [FSP-12A-9](#) [FSP-12A-8](#) [FST-12A-8](#) [FSP-12A-7](#) [FSP-12A-3](#) [FSP-12A-5](#) [FST-12A-3](#) [FST-12A-2](#) [FST-12A-4](#) [FSP-12A-4](#) [FSN-25.5B-9](#) [FSN-22.5A-11](#) [FSP-14A-7](#) [FST-14A-7](#) [FST-14A-3](#) [FSP-14A-5](#) [FSP-14A-9](#) [FST-14A-9](#) [FST-14A-5](#) [FST-14A-4](#) [FST-14A-6](#) [FST-14A-2](#) [FSP-14A-4](#) [FST-14A-8](#) [FSP-14A-8](#) [FSP-14A-6](#) [FSN-2.5A-7](#) [FST-22A-10](#) [FST-22A-11](#) [FST-22A-13](#) [FST-22A-14](#) [FST-22A-18](#) [FSP-22A-15](#) [FST-22A-15](#) [FSP-22A-16](#) [FSP-22A-10](#) [FST-22A-12](#) [FSN-22A-16](#) [FST-22A-16](#) [FSP-22A-14](#) [FST-22A-17](#) [FSP-22A-19](#) [FST-22A-19](#) [FSP-22A-18](#) [FST-11A-20](#) [FSN-11A-20](#) [FSP-11A-20](#) [FSN-26B-10](#) [FSP-26B-10](#) [FSN-21A-8](#) [FSN-21A-2](#) [FSN-21A-9](#) [FSN-21A-6](#) [FSN-21A-5](#) [FSN-21A-7](#) [FSN-21A-3](#) [FSN-24A-5](#) [FSN-24A-9](#) [FSN-24A-4](#) [FSN-24A-8](#) [FSN-24A-7](#) [FSN-24A-3](#) [FSN-24A-2](#) [FSN-24A-6](#) [FSP-56A-10](#) [FSP-210B-9](#) [FSN-56A-10](#) [FSP-14A-16](#) [FSP-14A-12](#) [FST-14A-15](#) [FSP-14A-20](#) [FSN-14A-19](#) [FSP-14A-11](#) [FSP-14A-10](#) [FSP-14A-18](#) [FST-14A-10](#) [FSN-14A-10](#) [FST-14A-14](#) [FSN-14A-14](#) [FST-14A-20](#) [FSN-14A-13](#) [FST-14A-13](#) [FST-14A-17](#) [FSP-14A-19](#) [FSP-14A-15](#) [FSN-14A-18](#) [FST-14A-18](#) [FSP-14A-13](#) [FSP-14A-17](#) [FST-14A-11](#) [FST-14A-19](#) [FSN-14A-11](#) [FST-14A-12](#)