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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H1	ECR-11-025464	16DEC11	RK	BVH

NOTES:

1

PITCH TOLERANCE TO BE ±.18[.007] FOR 1.27[.050] PITCH JUMPERS & ±.25[.010] FOR ALL REMAINING PITCHES. TOLERANCE TO BE NON CUMULATIVE OVER GAUGE LENGTH.

2

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].

3

DELETED

4

FOR CONDUCTOR PITCH 7 (2mm), ON PAGE 2 & 3, DIMENSION "B" IS 2.00[.079]

5

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)	

"C"

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)

PITCH A
Φ.13(.005)

ØG ±.03(.001)

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 TE CONNECTIVITY STANDARD 230-702.

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

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THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM [INCHES]

0 PLC
1 PLC
2 PLC
3 PLC
4 PLC
ANGLES
FINISH

± -
± -
± -
± -
± -
± 1/2"

MATERIAL

-

DWN
J. SCHWARTZ
28FEB01

CHK
E. FOX
28FEB01

APVD
E. FOX
28FEB01

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

-

CUSTOMER DRAWING

SCALE
N.T.S.

SHEET
1 OF 4

REV
H1

STE

TE Connectivity

NAME

FLEXSTRIP PIN CONFIGURATIONS, GENERIC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1474339

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CUSTOMER DRAWING

SCALE
N.T.S.

SHEET
1 OF 4

REV
H1

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© COPYRIGHT — By — ALL RIGHTS RESERVED.				LOC GP		DIST 00	
				P		LTR	
				DESCRIPTION		DATE	
				DWN		APVD	
				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)	
 PIN 1 3.18±.76 (.125±.030)		 PIN 1 .5(.020) 3.18±.76 (.125±.030) R.5(.020) MIN.		 PIN 1 .5(.020) 3.18±.76 (.125±.030) R.5(.020) MIN. 2.54±.26 [.100±.010] DIM "B"		 PIN 1 DIM "B" 2.54±.26 (.100±.010) .5(.020) 3.18±.76 (.125±.030) R.5(.020) MIN.	
STANDARD JUMPERS SMART DESCRIPTION				STANDARD LINE JOBS			
AUTOMOTIVE USE ONLY				MANUFACTURING NOTE:			
FLEXSTRIP PRODUCT CODE				MINIMUM GAP BETWEEN STRIPS			
INSULATION MATERIAL: N — NOMEX® P — POLYESTER T — TEFLON® K — KAPTON®				SK/A/Z .75 INCH LP 1.1 INCH			
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)				MINIMUM CONDUCTOR COUNT PER STRIP FOR LINE JOBS			
PIN ARRANGEMENT (FOR BOTH ENDS) A THRU Z				PITCH CONDUCTOR			
INSULATION LENGTH IN INCHES .50 MIN. — 30.0 MAX. IN .100 INCREMENTS PLUS, .25 AND .75				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			
				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			
Nomex®, Teflon® and Kapton® are trademarks of E. I. DuPont de Nemours.				THIS DRAWING IS A CONTROLLED DOCUMENT.			
DWN J. SCHWARTZ 28FEB01				TE Connectivity			
CHK E. FOX 28FEB01				NAME			
APVD E. FOX 28FEB01				FLEXSTRIP PIN CONFIGURATIONS, GENERIC			
PRODUCT SPEC				—			
APPLICATION SPEC				—			
WEIGHT —				SIZE CAGE CODE DRAWING NO RESTRICTED TO			
CUSTOMER DRAWING				A3 00779 C-1474339			
SCALE N.T.S.				SHEET 2 OF 4 REV H1			

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

E BEND
RIGHT ANGLED
PIN UPS

PIN 1 SHORT
STAGGERED PINS UP

PIN 1 LONG
STAGGERED PINS DOWN

G BEND
RIGHT ANGLED
STAGGERED PINS DOWN

PIN 1 LONG
STAGGERED PINS UP

PIN 1 STRAIGHT
STAGGERED PINS DOWN

H BEND
RIGHT ANGLED
STAGGERED PINS UP

J BEND
STRAIGHT/STAGGERED
PINS DOWN

PIN 1 LONG
STAGGERED PINS UP

PIN 1 LONG
STAGGERED PINS DOWN

K BEND
STRAIGHT/STAGGERED
PINS UP

L BEND
STRAIGHT/STAGGERED
PINS DOWN

Z BEND
DIMENSIONS
24 AWG: .034 ±.004
26 AWG: .028 ±.004
28 AWG: .022 ±.004

SPECIAL FLEXSTRIP BENDS
SPECIAL FLEXSTRIP BENDS
E THRU R, AND Z MAY APPLY TO EITHER
LEFT OF RIGHT SIDE

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)

INSULATION LENGTH: (in inches)
.50 MIN. — 30.0 MAX.
IN .10 INCREMENTS PLUS .25 AND .75 .

SPECIAL JUMPERS
SMART DESCRIPTION
FS N — 1 3.25 A G — 20 V1

(SEE NOTE 5)

SPECIAL PIN LENGTH
V1 — 2.84(.112)
V2 — 3.40(.134)
V3 — 4.09(.161)
V4 — 6.50(.256)
V5 — 3.01(.122)
V6 — 3.81(.150)
V7 — 4.50(.177)
V8 — 2.01(.079)
V9 — TBD
V10 — .76 (.030)
V11 — 2.41(.095)

CONDUCTOR PITCH

BENDS AVAILABLE

NUMBER OF CONDUCTORS (SEE MAX./MIN. PAGE 1)

PIN ARRANGEMENT (RIGHT)

PIN ARRANGEMENT (LEFT)

E THRU L BEND

"A"
DIM
3.18±0.76/(.125±.030)

"B"
DIM
2.54±0.25/(.100±.010)

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

CUSTOMER DRAWING

SIZE
A3

CAGE CODE
00779

DRAWING NO
C=1474339

RESTRICTED TO

SCALE
N.T.S.

SHEET
3 OF 4

REV
H1

TE Connectivity

FLEXSTRIP PIN CONFIGURATIONS, GENERIC

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1470-19 (3/11)

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REVISIONS

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LTR

DESCRIPTION

DATE

DWN

APVD

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SEE SHEET 1

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.

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

CUSTOMER DRAWING

SCALE
N.T.S.

SHEET
4 OF 4

REV
H1

TE Connectivity

NAME

FLEXSTRIP PIN CONFIGURATIONS, GENERIC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1474339

-

1470-19 (3/11)

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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