

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

GP 00

REVISIONS

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)

STANDARD JUMPERS SMART DESCRIPTION

A FS N - 1 2 A - 70

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)

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

STANDARD LINE JOBS

FS N 1 - 2 SK (LP)

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)

LONG PIN (OPTIONAL)

LINE JOB DESIGNATOR (SK, A, Z)

INSULATION LENGTH IN INCHES
.5 MIN. - 30.0 MAX.
IN .100 INCREMENTS,
PLUS .25 & .75

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

MANUFACTURING NOTE:

MINIMUM GAP BETWEEN STRIPS

SK/A/Z	.75 INCH	1.1 INCH
LP		

MINIMUM CONDUCTOR COUNT PER STRIP FOR LINE JOBS

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 ANGLES ±1/2°
FINISH

MATERIAL

-

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

TE Connectivity

FLEXSTRIP PIN CONFIGURATIONS, GENERIC

SIZE CAGE CODE DRAWING NO
A3 00779 1474339

RESTRICTED TO

—

CUSTOMER DRAWING

WEIGHT

—

APPLICATION SPEC

—

PRODUCT SPEC

—

APVD E. FOX

CHK J. SCHWARTZ

DWN J. SCHWARTZ

28FEB01

28FEB01

28FEB01

NAME

FS X-X X J-A A W

SCALE

N.T.S.

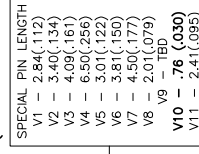
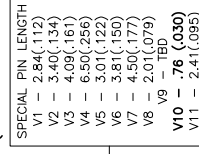
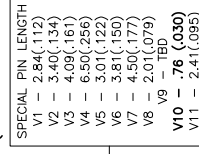
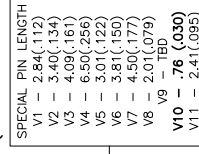
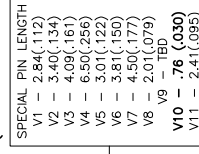
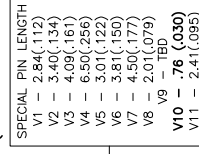
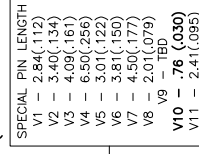
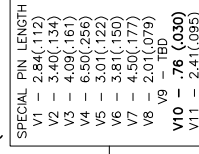
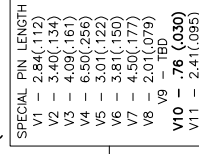
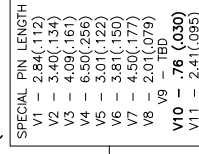
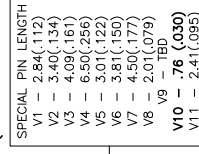
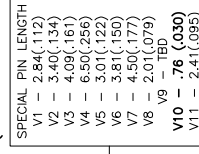
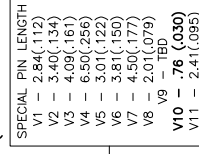
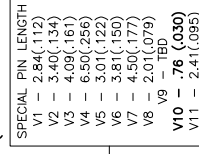
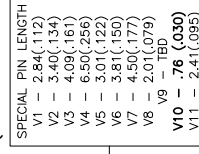
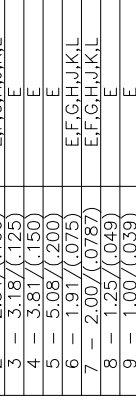
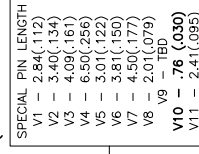
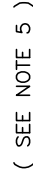
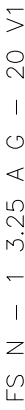
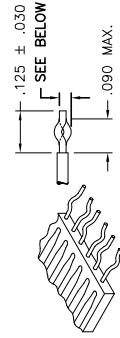
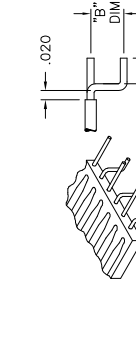
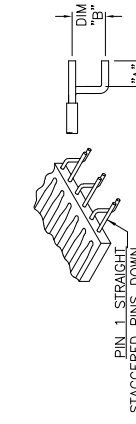
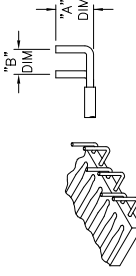
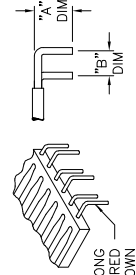
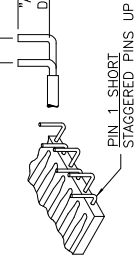
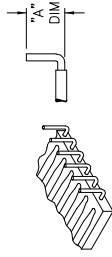
SHEET

2 of 4

REV

H1

1470-19 (3/11)



THIS DRAWING IS UNPUBLISHED.

© COPYRIGHT - By -

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

1

2

3

4

LOC

DIST

REVISONS

GP 00

P

LTR

DATE

DWN

APVD

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	8	8	8	8	8	8	8	8	8
CAPACITANCE (pf / 50.8 (12") LENGTH) (GND, SIG, GND) (AVERAGE)	8	8	8	8	8	8	8	8	8
CHARACTERISTIC IMPEDANCE (GND. SIG. GND) (AVERAGE)	8	8	8	8	8	8	8	8	8
APPLICATION TEMP RANGE (C°) (FOR SOLDERING)	200 / 4 sec 200 / 4 sec 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec
OPERATING TEMPERATURE (C°)	-40 to 105 -40 to 125 -40 to 150	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)
MINIMUM BEND RADIUS	3.18mm 3.18mm 3.18mm	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)	(For all Conductor Pitches) (For all Conductor Pitches) (For all Conductor Pitches)
UL STYLE NUMBER	2639 5456 2928 2927	(For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above)	(For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above)	(For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above)	(For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above)	(For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above)	(For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above)	(For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above)	(For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above) (For all Conductor Pitches .100 and above)

ABR.

MATERIAL

SPECIFICATION

COPPER WIRE 100-1577

P POLYESTER 100-1575

N NOMEMEX® 100-1758

T TEFLON® 100-1574

K KAPTON® 100-1576

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM [INCHES]

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 ANGLES ± 1/2°

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 ANGLES ± 1/2°

DWN

J. SCHWARTZ

28FEB01

CHK

E. FOX

28FEB01

APVD

E. FOX

28FEB01

NAME

TE Connectivity

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

1474339

—

—

SCALE

N.T.S.

SHEET

4

OF

4

REV

H1

Customer Drawing

CUSTOMER DRAWING

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

1470-19 (3/11)