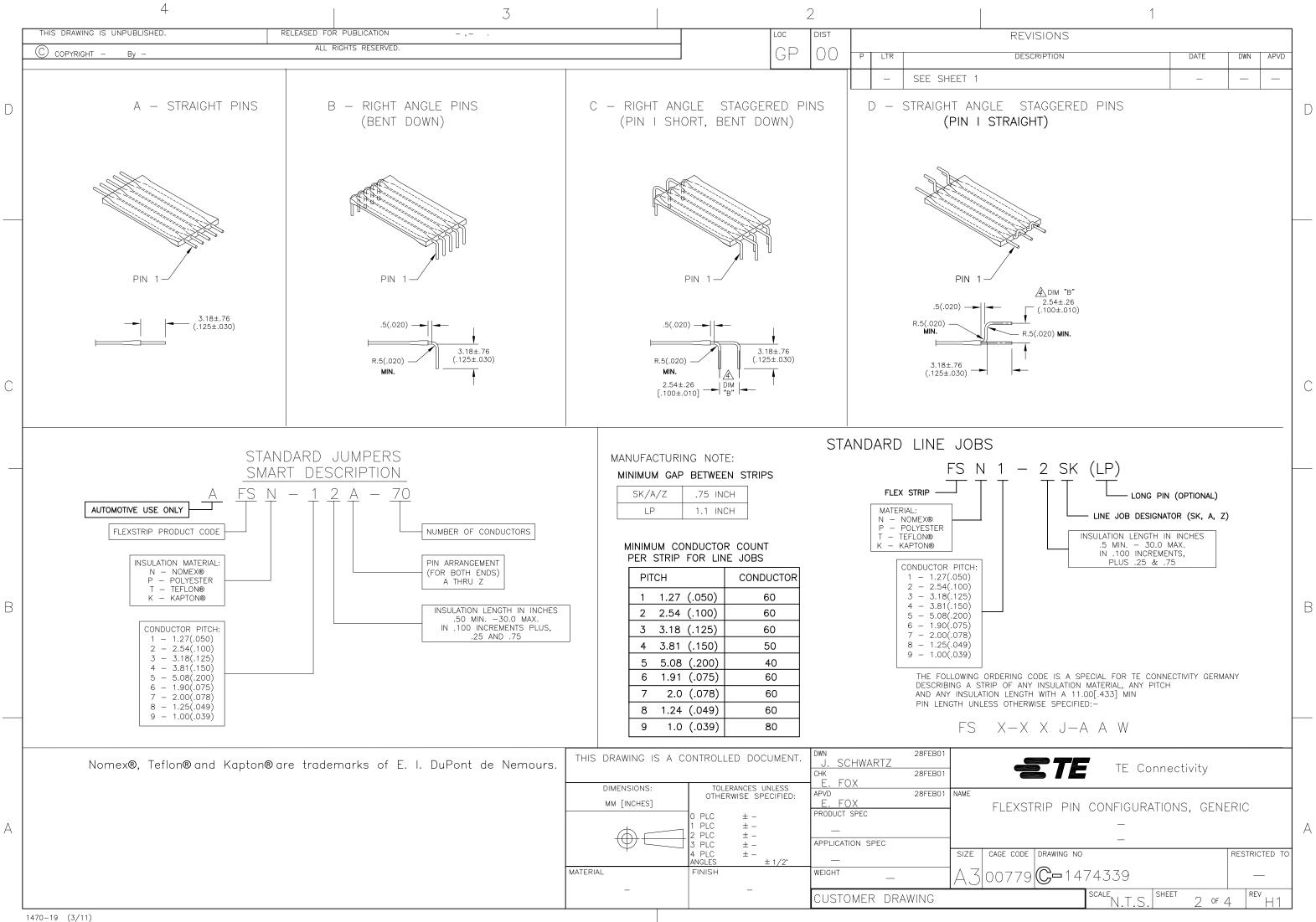
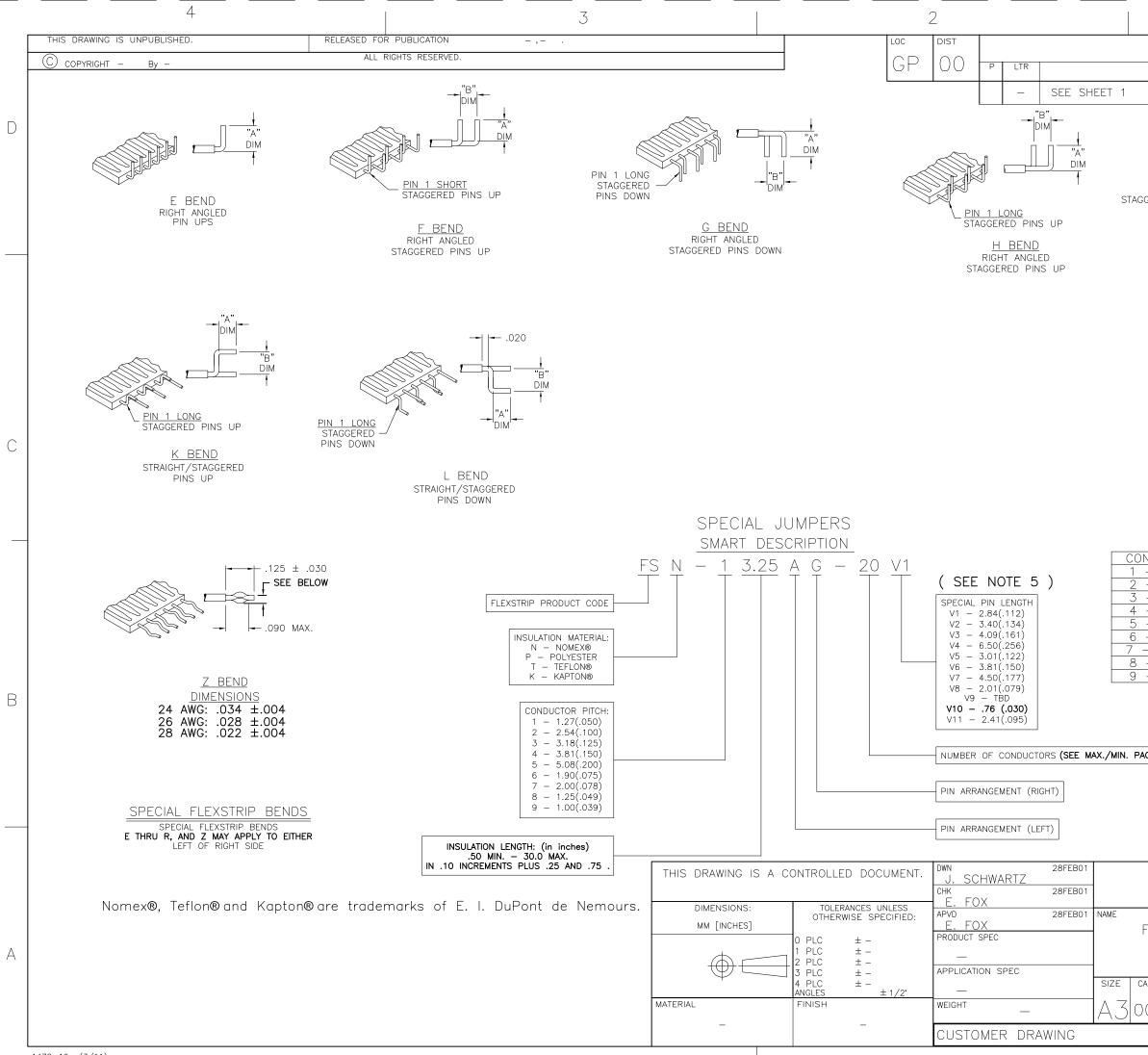
4	3			2			1		
	OR PUBLICATION - ,		LOC	DIST		REVISIONS			
COPYRIGHT - By - ALL	RIGHTS RESERVED.		G	P 00 PT	TR	DESCRIPTION		DATE	DWN APVD
					I1 ECR-11-025464		1	6DEC11 F	RK BVH
NOTES:						- 			
\bigwedge pitch tolerance to be ±.18[.007] for 1	1.27[050] PITCH JUMPERS			(PIN DIAMETER)	A —	-			
& ±.25[.010] FOR ALL REMAINING PITCHES. TOLERANCE TO BE NON CUMULATIVE OVER									
TOLERANCE TO BE NON CUMULATIVE OVER	GAUGE LENGTH.		L						
11.92-152.40[.500-6.000] ARE STANDARD	LENGTHS. JUMPERS ARE AVAILABLE						V (MAX ADHESIVE FLOW) NOT INCLUDED IN DIM B		
IN INCREMENTS OF 2.50[.10] PLUS 6.35[.25	J AND 19.05[.75].								
A DELETED						///////	7		
${\cancel{A}}$ for conductor pitch 7 (2mm), on page	2 & 3, DIMENSION "B" IS 2.00[.079]	1					Z PLC)		
\triangle special pin lengths are available for .	JUMPERS WITH A PIN CONFIGURATION								
OF "A" OR "B" ON LENGTHS OF UP TO 6	09.6[24.0] IN 2.54[.100] & 5.08[.200] PITCH G SUFFIXES:								
	j SUFFIXES:								
SUFFIX PEN LENGTH TOLERANCE				.			JUMPER LENGTH		
V1 2.85 (.112) V2 3.40 (.134)	"C"	F₽	(MID-PIN THICKNESS SEE CHART				R±1.524(.060)		I
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$									
V5 3.10 (.122) ±.305 V6 2.81 (.150) 5.012									
V6 2.81 (.150) [±.012] V7 4.50 (.177) [±.012]	DIMENSION FROM THE OF INSULATION MATER								
V8 2.00 (.079) V9 TBD	EDGE OF THE FIRST	COND.	-	<u>+</u>					
V10 .76 (.030) V11 2.41 (.095)	EXCEPT "M" STYLE.	_		÷ \\/\\/\/\/		\// \// \//			
			<u> </u>				<u> </u>		
6. RECOMMENDED PCB HOLE DRILLING DETAILS	S ARE AS FOLLOWS:-								
PITCH A ØG			NO NICKS ON INSULATI						
1.27 (.050) .70 (.028)	PITCH A	_			TRANSITION OUTSIDE INSULATION	I AREA			
1.90 (.075) .80 (.031)		D	►		ICTOR WIDTH)	(1.)	MAX DRAW ANGLE)		
2.54 (.100) .95 (.037)	-(+)(+)			-	JUMPER WIDTH		WAA DIRAW ANOLLY		
3.18 (.125) .95 (.037)		JUMPER PI	TRANSITION	MAX/MIN	PIN WIRE MIN	MAX MAXIMUM	MIN GAP Retween CONDUCTOR	MAXIMUM	, MAX
3.81 (.150) .95 (.037)		LENGTH (NO	MINAL) MAX	MARGIN	PIN WIRE MIN, GUAGE No DIAMETER (AWG) COND		MIN GAP BETWEEN CONDUCTORS WIDTH	INSULATION MISMATCH	THICKNESS
5.08 (.200) .95 (.037)			A /1 T .00 4.32	0.35 (.014) 0.3	<u> </u>	- V 70 0.38	X Y 0.13 0.76 (.030	<u> </u>	D
Δ		(50) TO (0.1)	.039) [.170]	0.17 (.007) 0.3	<u>17 (.0125)</u>	(0.015)	(0.009) 0.56 (.022) (.030)	.64
BEND RADIUS TO APPLY ONLY IN THE FLAT		863.6	.049) [.170]	0.50 (0.020) 0.33 0.17 (0.007) 0.32	7 (0.0125) 20 2	-70 0.38 (0.015)	0.25 0.89 (.035 (0.010) 0.64 (.025) .76) (.030)	.64
JUMPER BETWEEN THE CONDUCTOR TRANSIT	IUN AREAS.		.27 4.32 .050) [.170]	0.50 (0.020) 0.33 0.17 (0.007) 0.3	50 (0.0130) 7 (0.0125) 28 2-	-70 0.38 (0.015)	0.25 0.89 (.035 (0.010) 0.64 (.025) .76) (.030)	.64
28 PER 108-2135.		STEDS 2	2.00 5.08	0.70 (0.028) 0.41	6 (0.0164)	0.38	0.38 1.14 (.045	.76	.84
9. TOOL MARKS PERMISSIBLE ON BENDS. NO \wedge		OF 2.50 1.	.079) [.200] .90 5.08	0.25 (0.010) 0.40 0.70 (0.028) 0.41	6 (0.0164) 26 2	0.38	<u>(0.015)</u> 0.89 (.035) 0.38 1.14 (.045)	.76	
A PIN DIAMETER SPECIFIED NOT APPLICABLE DUE TO NORMAL DEFORMATION OF BENDIN	IN BENDING AREA OF PIN, G PROCESS.	(.10) (0.0	.075) [.200] 2.54 6.35	0.25 (0.010) 0.40 0.80 (0.031) 0.52	$0 (0.0157) = 20 = 2^{-1}$	(0.015)	<u>(0.015)</u> 0.89 (.035) 0.51 1.52 (.060)) (.030)	.84
REFER TO RELEVANT MATERIAL SPECIFICATION		6 35 (0.	.100) [.250]	0.25 (0.010) 0.50)5 (0.0199) ²⁴ 2 -	(0.020)	(0.020) 1.27 (.050)) (.030)	.84
			3.18 6.35 .125) [.250]	1.00 (0.039) 0.52 0.25 (0.010) 0.50	26 (0.0207) 05 (0.0199) 24 2-	-25 0.51 (0.020)	0.51 1.52 (.060) (0.020) 1.27 (.050)) .76) (.030)	.84
F – MID POINT THICKNESS BETWEEN PT		AND 3	3.81 6.35 .150) [.250]	1.00 (0.039) 0.52 0.25 (0.010) 0.50	26 (0.0207) 24 2	20 0.51	0.51 1.52 (.060 (0.020) 1.27 (.050)	.76	.84
	AXIMUM	(75) 5	5.08 6.35	1.00 (0.039) 0.52	26 (0.0207) 24 2	15 0.51	0.51 1.52 (.060)	.76	.84
	05 [.012]	(U.	.200) [.250]	0.25 (0.010) 0.50	05 (0.0199) 24 2 28FEB01	(0.020)	(0.020) 1.27 (.050)) (.030)	
POLYESTER .152 .006 .30	05 [.012] 04 [.010]	THIS DRAWING IS A CO	ONTROLLED DOCUME	J. SCHWART	Z	ST.	TE Connect	ivitv	
	· []	DIMENSIONS:	TOLERANCES UNLES	E. FOX	28FEB01				
KAPTON® .102 [.004] .25	3 [.021]		OTHERWISE SPECIFI	ED. APVD	28FEB01 NAME		N CONFIGURATIONS		
KAPTON® .102 [.004] .25	33 [.021]	MM [INCHES]	official of contract	E. FOX		-	$1 \times 1 \times$, GENERI	.10
KAPTON® .102 [.004] .25 TEFLON® .305 [.012] .53 12. PRODUCT AND PROCESSING MUST MEET RECOMPTION			0 PLC ± -	E. FOX PRODUCT SPEC		LEXSIRIP PI	_		
KAPTON®.102 [.004].25TEFLON®.305 [.012].5312. PRODUCT AND PROCESSING MUST MEET REC TE CONNECTIVITY STANDARD 230-702.	QUIREMENTS OF		0 PLC ± - 1 PLC ± - 2 PLC ± -	PRODUCT SPEC		-lexstrip pi	_ 		
KAPTON® .102 [.004] .25 TEFLON® .305 [.012] .53 12. PRODUCT AND PROCESSING MUST MEET RECOMPTION	QUIREMENTS OF		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	PRODUCT SPEC — APPLICATION SPEC		AGE CODE DRAWING I	_	RE	ESTRICTED TO
KAPTON®.102 [.004].25TEFLON®.305 [.012].5312. PRODUCT AND PROCESSING MUST MEET REC TE CONNECTIVITY STANDARD 230-702.	QUIREMENTS OF		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± -	PRODUCT SPEC — APPLICATION SPEC	SIZE C	AGE CODE DRAWING	— — NO	RE	ESTRICTED TO
KAPTON®.102 [.004].25TEFLON®.305 [.012].5312. PRODUCT AND PROCESSING MUST MEET REC TE CONNECTIVITY STANDARD 230-702.	QUIREMENTS OF		$\begin{array}{cccc} 0 & \text{PLC} & \pm & - \\ 1 & \text{PLC} & \pm & - \\ 2 & \text{PLC} & \pm & - \\ 3 & \text{PLC} & \pm & - \\ 4 & \text{PLC} & \pm & - \\ \text{ANGLES} & & \pm 1/2 \end{array}$	PRODUCT SPEC — APPLICATION SPEC 2. —	- A30		— — NO	RE	ESTRICTED TO





1				
REVISIONS				
DESCRIPTION	DATE	DWN	APVD	
	_	_		
PIN 1 STRAIGHT GERED PINS DOWN				D
STRAIGHT/STAG PINS DOW	GERED N			
				C
NDUCTOR PITCH BENDS AV - 1.27/(.050) E,F,G,H, - 2.54/(.100) E,F,G,H, - 3.18/(.125) E - 3.81/(.150) E - 5.08/(.200) E - 1.91/(.075) E,F,G,H, - 2.00/(.0787) E,F,G,H, - 1.25/(.049) E - 1.00/(.039) E	J,K,L J,K,L J,K,L J,K,L			В
<u>E THRU L</u> "A" DIM <u>3.18±0.76/(.</u> "B" DIM 2.54±0.25/(.				
ETE CO	nnectivity			
FLEXSTRIP PIN CONFIGURA — — Age code drawing no	TIONS, GENE		CTED TO	А
00779 C= 1474339 scale N.T.S.	SHEET 3 OF 2	-	_	

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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	
CAPACITANCE (pf / 50.8 (12*) LENGTH) (GND, SIG, GND) (AVERAGE)	P N T K	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
APPLICATION TEMP RANGE (C*) (FOR SOLDERING)	P N T K	200 / 4 sec 200 / 4 sec 240 / 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 240 / 4 sec	200 / 4 sec 200 / 4 sec 240 / 4 sec 240 / 4 sec 240 / 4 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec 260 / 5 sec	250 / 4 sec 260 / 5 sec	250 / 4 sec 260 / 5 sec	250 / 4 sec 250 / 4 sec 260 / 5 sec 260 / 5 sec
OPERATING TEMPERATURE (C*)	P N T K	-40 to 105 -40 to 125 -40 to 150 -40 to 150	40 to 125 (For all Conductor Pitches) 40 to 150 (For all Conductor Pitches)							
MINIMUM BEND RADIUS	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 5456 2928 2927	(For all C (For all C	Conductor Pitch Conductor Pitch Conductor Pitch Conductor Pitch	nes .100 and nes .100 and	above) above)				

ABR.	MATERIAL	SPECIFICATION
	COPPER WIRE	100-1577
Ρ	POLYESTER	100-1575
Ν	NOMEX®	100-1758
Т	TEFLON®	100-1574
K	KAPTON®	100-1576

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

I			DWN 28FEB01					
		ONTROLLED DOCUMENT.	J. SCHWARTZ Снк 28FEB01 E. FOX			TE Connectivi	ty	
	DIMENSIONS: MM [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± -	APVD 28FEB01 E. FOX PRODUCT SPEC		EXSTR	RIP PIN CONFIGURATIONS,	GENERIC	2
	$\bigoplus \square$	1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± -		SIZE CAGE			RES	TRICTED TO
	MATERIAL	ANGLES $\pm 1/2^{\circ}$				Ç- 1474339		
	_	_	CUSTOMER DRAWING			SCALE N.T.S. SHEET	1 OF 4	REV H 1

1470-19 (3/11)

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TE Connectivity: 5-1474671-3