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LOC	DIST
GP	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	G	REVISE PER 06-008555 ECO	28/APR/06	ECC	FDM

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.

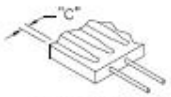
2. 11.92–152.40[.500–6.000] ARE STANDARD LENGTHS. JUMPERS ARE AVAILABLE IN INCREMENTS OF 2.50[.10] PLUS 6.35[.25] AND 19.05[.75].

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:

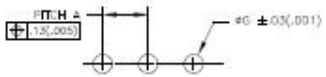
SUFFIX	PIN LENGTH	TOLERANCE
V1	2.85 (.112)	±.305 [±.012]
V2	3.40 (.134)	
V3	4.10 (.161)	
V4	6.50 (.256)	
V5	3.10 (.122)	
V6	2.81 (.150)	
V7	4.50 (.177)	
V8	2.00 (.079)	
V9	TBD	
V10	.76 (.030)	
V11	2.41 (.095)	



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.

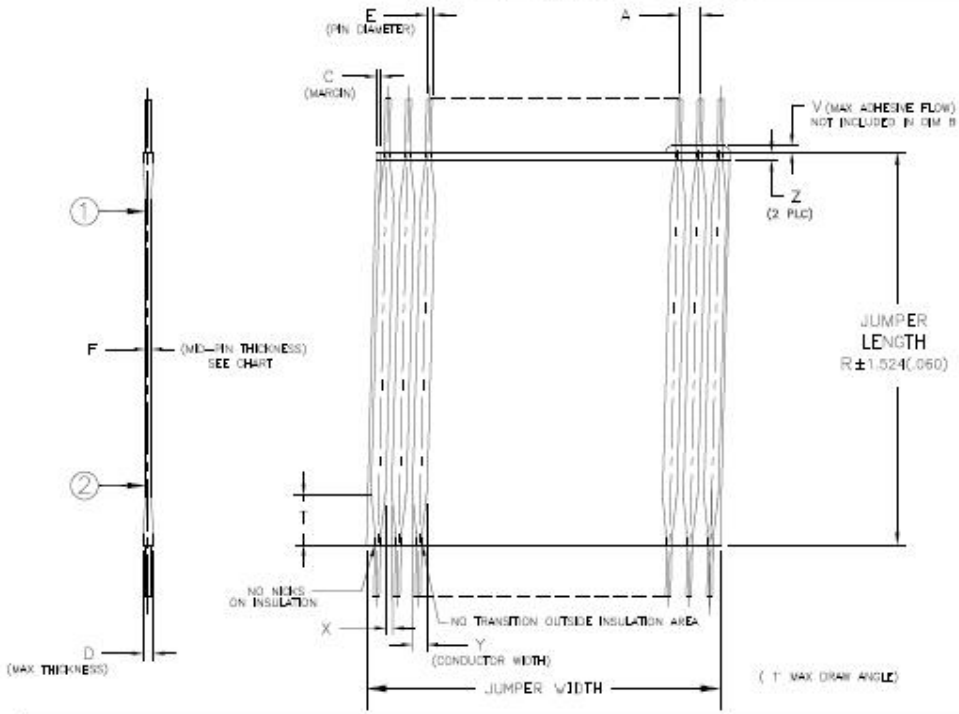
9. TOOL MARKS PERMISSIBLE ON BENDS. NO EXPOSED COPPER.

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]
PTFE	.305 [.012]	.533 [.021]

12. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TYCO ELECTRONICS STANDARD 230–702.



JUMPER LENGTH R 2	PITCH (NOMINAL) A 1	TRANSITION MAX T	MAX/MIN MARGIN C	PIN 10 DIAMETER E	WIRE GUAGE (AWG)	MIN/MAX No. OF CONDUCTORS	MAXIMUM ADHESIVE FLOW V	MIN GAP BETWEEN CONDUCTORS X	CONDUCTOR WIDTH Y	MAXIMUM INSULATION MISMATCH Z	MAX THICKNESS 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 (.014) 0.17 (.007)	0.330 (.0130) 0.317 (.0125)	28	2–70	0.38 (0.015)	0.13 (0.009)	0.76 (.030) 0.56 (.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 (.035) 0.64 (.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 (.035) 0.64 (.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 (.045) 0.89 (.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 (.045) 0.89 (.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 (.060) 1.27 (.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 (.060) 1.27 (.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 (.060) 1.27 (.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 (.060) 1.27 (.050)	.76 (.030)	.84

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 –

tyco Electronics

Tyco Electronics Corporation
Harrisburg,Pa. 17105

NAME
FLEXSTRIP PIN CONFIGURATIONS, GENERIC
–
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1474339	–

CUSTOMER DRAWING | SCALE N.T.S. | SHEET 1 OF 4 | REV G