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LOC	DIST
GP	00

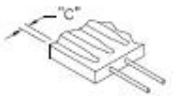
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	G	REVISE PER 08-008555 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:

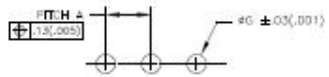
SUFFIX	PIN LENGTH	TOLERANCE
V1	2.85 (.112)	±.305 [±.012]
V2	3.40 (.134)	
V3	4.10 (.161)	
V4	6.50 (.256)	
V5	3.10 (.122)	
V6	2.81 (.150)	
V7	4.50 (.177)	
V8	2.00 (.079)	
V9	TBD	
V10	.76 (.030)	
V11	2.41 (.095)	



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:–

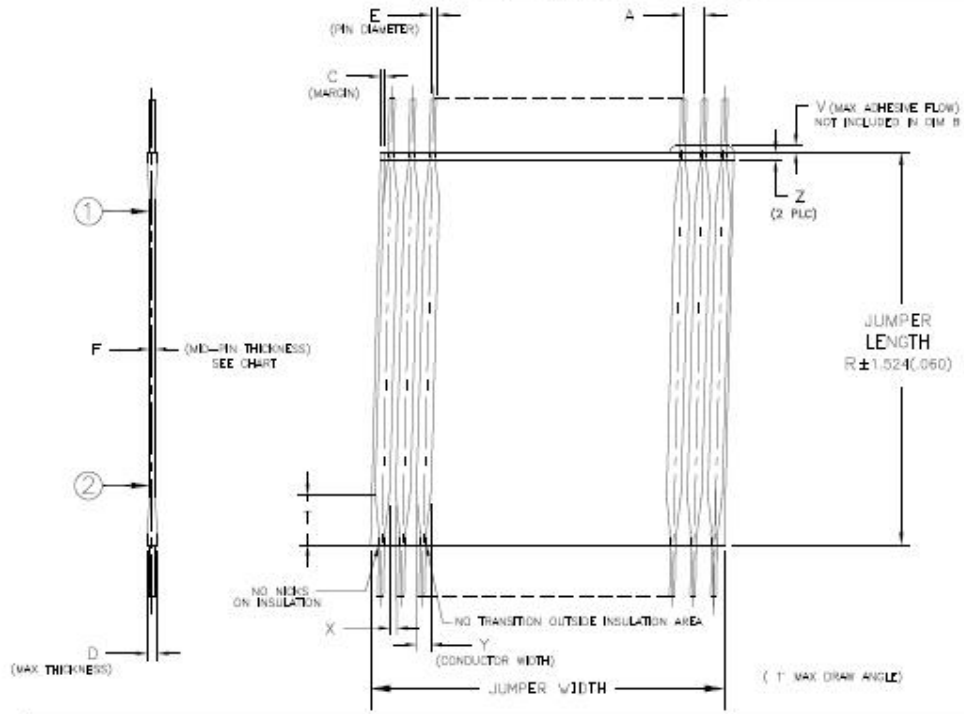
PITCH A	ØG
1.27 (.050)	.70 (.028)
1.90 (.075)	.80 (.031)
2.54 (.100)	.95 (.037)
3.18 (.125)	.95 (.037)
3.81 (.150)	.95 (.037)
5.08 (.200)	.95 (.037)



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	PITCH (NOMINAL)	TRANSITION MAX	MAX/MIN MARGIN	PIN DIAMETER	WIRE GAUGE (AWG)	MIN/MAX No. OF CONDUCTORS	MAXIMUM ADHESIVE FLOW	MIN GAP BETWEEN CONDUCTORS	CONDUCTOR WIDTH	MAXIMUM INSULATION MISMATCH	MAX THICKNESS
R	A	T	C	E	–	–	V	X	Y	Z	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 (.020) / 0.17 (.007)	0.330 (.0130) / 0.317 (.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 (.020) / 0.17 (.007)	0.330 (.0130) / 0.317 (.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 (.028) / 0.25 (.010)	0.416 (.0164) / 0.400 (.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 (.028) / 0.25 (.010)	0.416 (.0164) / 0.400 (.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 (.031) / 0.25 (.010)	0.526 (.0207) / 0.505 (.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 (.039) / 0.25 (.010)	0.526 (.0207) / 0.505 (.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 (.039) / 0.25 (.010)	0.526 (.0207) / 0.505 (.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 (.039) / 0.25 (.010)	0.526 (.0207) / 0.505 (.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