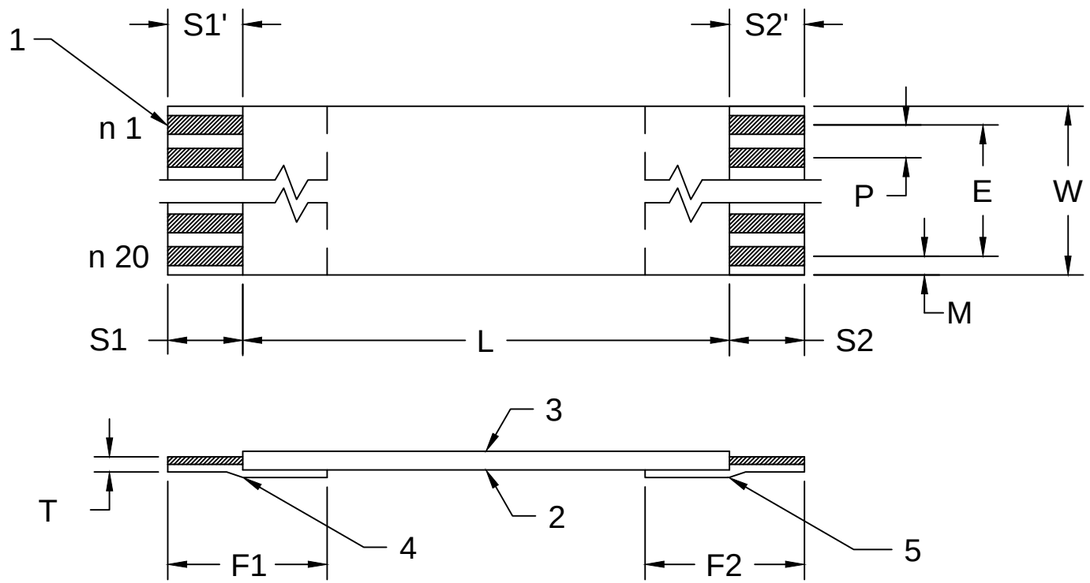

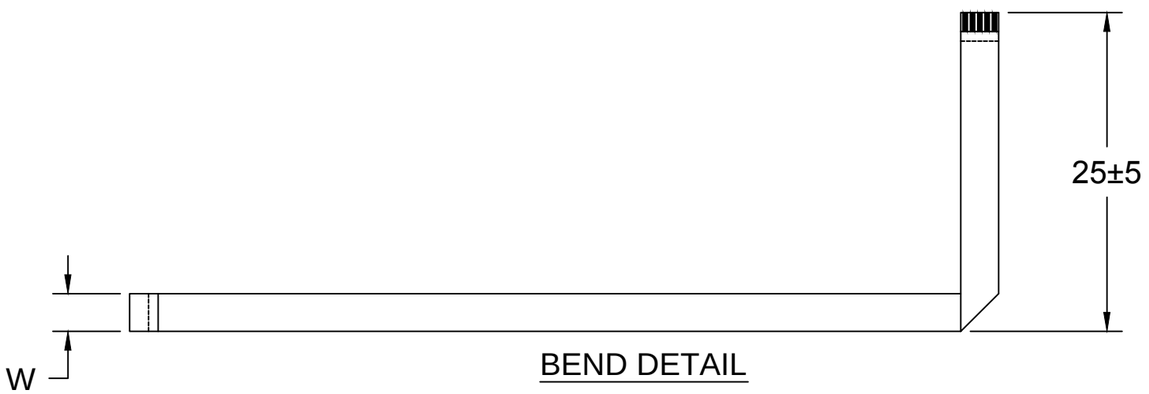

BEND DETAIL

DIMENSIONS			
ITEMS	UNITS	SPECIFICATIONS	
NUMBER OF CONDUCTORS	-	5	
PITCH	MM	1.00 ± 0.08	P
SPAN	MM	4.0 ± 0.15	E
TOTAL WIDTH	MM	6.0 ± 0.10	W
MARGIN	MM	1.00 ± 0.20	M
STRIP LENGTH	MM	4 ± 0.8	S1
STRIP LENGTH	MM	4 ± 0.8	S2
INSULATION LENGTH	MM	312 ± 5	L
REINFORCEMENT LENGTH	MM	6 ± 2	F1
REINFORCEMENT LENGTH	MM	6 ± 2	F2
STRIP DIFFERENCE S-S'	MM	0.40 MAX	
END THICKNESS	MM	0.30 ± 0.05	T

COMPOSITION				
COMPONENTS		UNITS	SPECIFICATION	ITEM
CONDUCTOR	MATERIAL (PLATING THICKNESS)	-	TIN PLATED COPPER (2µm TYPICAL)	1
	DIMENSIONS	MM	0.70±0.03 X 0.10±0.015 mm	
INSULATION	MATERIAL	-	POLYESTER & FLAME RETARDANT ADHESIVE INSULATION	2,3
	DIMENSIONS	MM	0.086 mm NOMINAL	
REINFORCEMENT TAPE	MATERIAL	-	BLUE POLYESTER	4,5
	DIMENSIONS	MM	0.23 mm NOMINAL	

CHARACTERISTICS		
ITEMS	VALUE	TEST METHOD
RESISTANCE OF CONDUCTOR	280 OHM/KM MAX	-
CONDUCTOR TO CONDUCTOR INSULATION RESISTANCE	10 MOHM/KM MIN	500 V DC
DIELECTRIC TEST (CONDUCTOR TO CONDUCTOR)	1 MINUTE	400 V AC
TEMPERATURE RATING	105 °C	-
VOLTAGE RATING	60 V AC MAX	-
FLAME RESISTANCE	VW - 1	UL 758

RELEASED
EC NO: USW2012-0189 2012/03/28
DRWN: MFI
DESCRIPTION
1
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±0.25	±---
1 PLACE	±0.76	±---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MFI DATE: 2009/03/19
CHECKED BY: ---- DATE: ----
APPROVED BY: SFULTON DATE: 2011/03/23

TITLE: 1.00MM FFC JUMPER CABLE TIN PLATED 5 CIRCUIT

molex MOLEX INCORPORATED

MATERIAL NO. 152671502
DOCUMENT NO. SD-15267-1502
SHEET NO. 1 OF 1
SIZE B

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