

WIRE COMBINATIONS FOR NYLON-INSUALTED CLOSED END CONNECTORS

MOLEX P/N: 191600012 (NC-2214), 191600130 (NC-2214BULK)
191600070 (NC-2214T), 191600091 (NC-2214BT)

UL LISTED WIRE COMBINATIONS

STRANDED WIRE ONLY			
16 AWG	18 AWG	20 AWG	22 AWG
			7
		1	6
	1		5
		2	4
	1		4
		2	3
1			3
		3	2
1			2
		4	1
	2		1
1			1
		4	
	1	3	
1	2	1	
1		1	
	3		

ADDITIONAL UL LISTED WIRE COMBINATIONS

- (3) 18 AWG SOLID
(2) 18 AWG SOLID

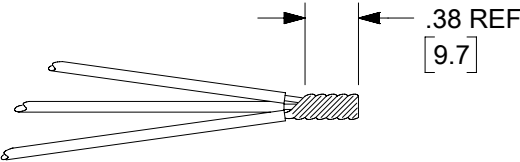
STRANDED WIRE ONLY			
16 AWG	18 AWG	20 AWG	22 AWG
	2		
1	1		
1	1	1	
	1	2	
	2		2
	1		3
	1		1
	1	1	1
	1	2	1
	1	1	2
	1	1	3
		3	1
		2	2
		1	4
		1	5
			6
1	1	1	1

CSA CERTIFIED WIRE COMBINATIONS

- (7) 22 AWG STRANDED
(4) 22 AWG STRANDED WITH (2) 20 AWG STRANDED
(2) 20 AWG STRANDED WITH (1) 16 AWG STRANDED
(2) 18 AWG STRANDED WITH (1) 20 AWG STRANDED
(3) 18 AWG STRANDED
(2) 18 AWG SOLID

WIRE PREPARATION

- NOTE: PRE-TWISTING NOT REQD FOR OEM APPLICATIONS
SOLID: (OEM ONLY)
A. STRIP LEADS TO .38(9.5)
B. INSERT INTO CONNECTOR & CRIMP
STRANDED:
A. STRIP LEADS TO APROX. .75(19.1)
B. TWIST WIRE COMBINATION EVENLY & TIGHT.
C. TRIM STRIPPED PRE-TWISTED ZONE TO .38(9.5).
D. INSERT INTO CONNECTOR AND CRIMP.



RATING 105°C 300 VOLT
FILE: E32244



RATING 125°C 300 VOLT
FILE: LR 18689

APPLICATION WITH HANDTOOL:

- HOLD TOOL WITH LOCATOR PLATE FACING UP.
INSERT CLOSED END CONNECTOR IN HOLE.
INSURE THAT SHOULDER OF CONNECTOR IS RESTING ON LOCATOR PLATE.
CLOSE TOOL JAWS UNTIL CONNECTOR IS HELD SNUG IN PLACE.
LOAD CONNECTOR WITH DESIRED WIRE COMBINATION.
COMPLETE CRIMP BY CLOSING TOOL HANDLES UNTIL THEY RELEASE.

CRIMP TOOLING AVAILABLE

- 640010600 (RHT-7000) HANDTOOL
640053400 (AT-2214) CRIMP HEAD OR 640050600 (AT-7000) CRIMP HEAD
FOR 192790001 (AT-200) AIR HAND TOOL

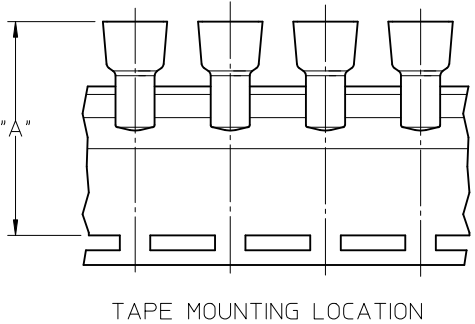
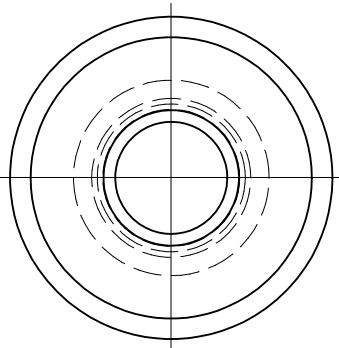
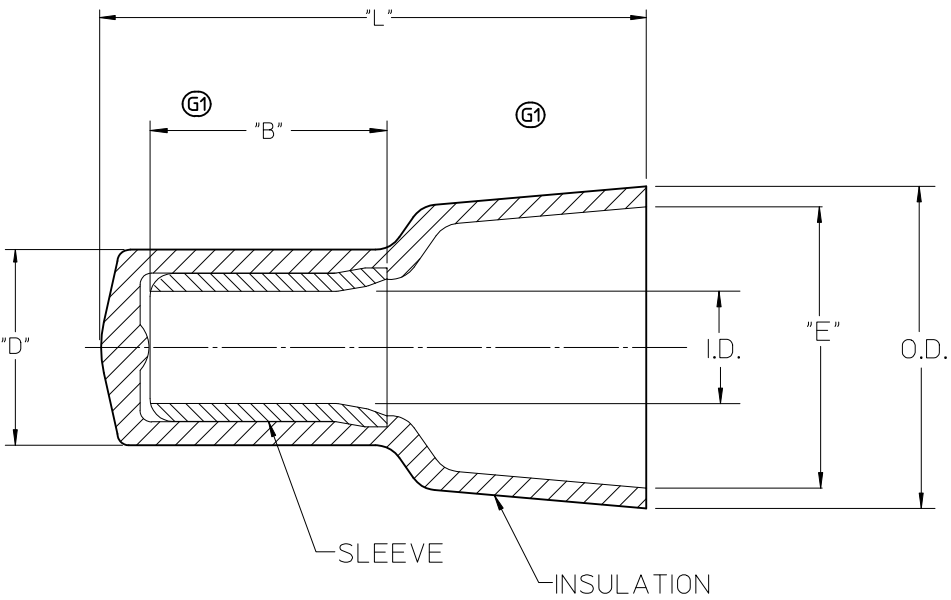
D1

- 192280030 (ATP-301) AIR TAPE PRESS OR
638853500 MINI-MAC TAPE APPLICATOR WITH
192880242 (ATP-NC-2214) CRIMPING DIES

NOTE: THIS DOCUMENT USED TO MAKE STUFFER SHEET
PART NO: 194080109
DOC NO'S: E-19160-009 & PK-19408-109

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: P/N TYPO/ ERROR: 191600070 WAS 191600071, 191600130 WAS 190600129, 191600091 WAS 191600190. CRIMP TOOLING PN'S UPDATED.				molex			
	DIMENSION UNITS	SCALE								
$\frac{E}{A} = 0$	INCH/MM	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)				CLOSED END CONNECTOR WIRE COMBINATNS NC-2214 PRODUCT SPECIFICATION			
$\frac{E}{C} = 0$										
$\frac{E}{D} = 0$										
DIVISIONAL SYMBOLS	4 PLACES	±	MM	±			PRODUCT CUSTOMER DRAWING			
	3 PLACES	±		±						
	2 PLACES	±		±						
	1 PLACE	±		±						
	0 PLACES	±		±						
			ANGULAR TOL	±	°					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						B-SIZE	19160	SEE CHART	GENERAL MARKET	1 OF 1

10		9		8		7		6		5		4		3		2		19160	
LOOSE PIECE		TAPE MOUNTED				"L" MAX.		"B" MIN (G1)		"D" MAX.		"E" MIN.		I.D. MIN.		O.D. MAX.		"A" DIM ±.02/0.5 (G1)	
MATERIAL NO.	ENG. NO.	MATERIAL NO.	ENG. NO.																
191600012	NC-2214	191600070	NC-2214T			.62/15.7		.30/7.6		.19/4.8		.24/6.1		.09/2.3		.32/8.1		1.54/39.2	
191600009	NC-2212	191600071	NC-2212T			.76/19.3		.30/7.6		.23/5.8		.27/6.9		.10/2.5		.36/9.1		1.63/41.4	
191600002	NC-1610	191600083	NC-1610T			.90/22.8		.28/7.1		.28/7.1		.38/9.6		.15/3.8		.45/11.4		1.75/44.5	
191600024	NC-8	191600028	NC-8T			1.10/27.9		.42/10.6		.36/9.1		.48/12.2		.21/5.3		.57/14.5		1.86/47.4	



- NOTES:
- MATERIAL: SLEEVE: TIN-PLATED COPPER
INSULATION: 6/6 NYLON,
NATURAL TRANSLUCENT
 - PARTS ARE ROHS COMPLIANT.

SALES DRAWING

CORRECT TOLERANCES EC NO: WNA2010-0673 DRAWN:THRODAHL 04/02/23 CHK'D:R.DEROSS 04/02/23 APPR: JMACNEIL 2010/06/23 G1	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 5:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION						
				mm	INCH	DRAWN BY H.BEITZE	DATE 04/02/23	CLOSED END CONNECTORS NYLON INSULATED MOLEX MOLEX INCORPORATED							
			4 PLACES	±---	±---	CHECKED BY	DATE								
			3 PLACES	±---	±---	R.DEROSS	04/02/23								
			2 PLACES	±---	±---	APPROVED BY	DATE								
			1 PLACE	±---	±---	R.DEROSS	04/02/23	MOLEX MOLEX INCORPORATED							
			ANGULAR ±---°			MATERIAL NO.							DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART							SD-19160-001		1 OF 1
						SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								