

CIRCUIT SIZE

12.7

19.1

25.4

31.7

38.1

ITEM NUMBER

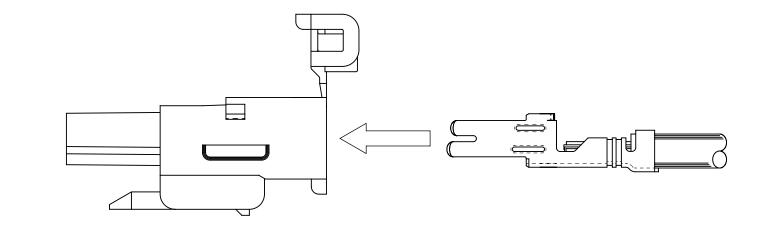
42816-0212

42816-0312

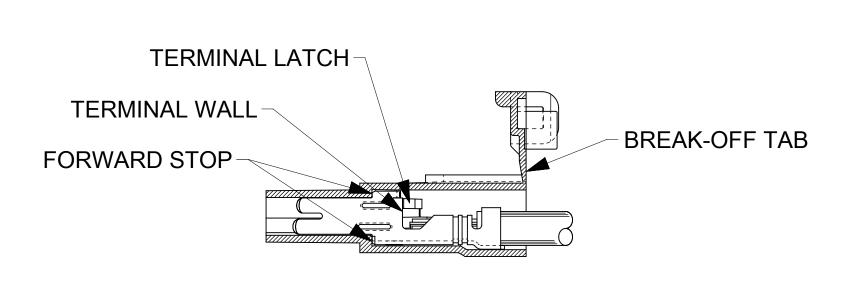
42816-0412

42816-0512

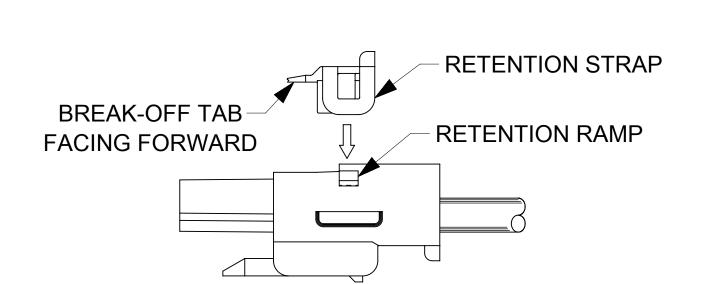
42816-0612



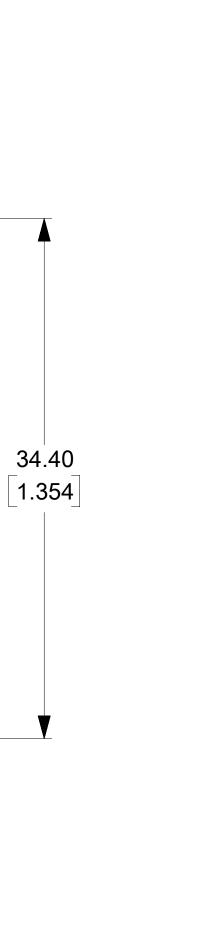
1. TERMINALS ARE TO BE ORIENTATED AND LOADED INTO HOUSING AS SHOWN.

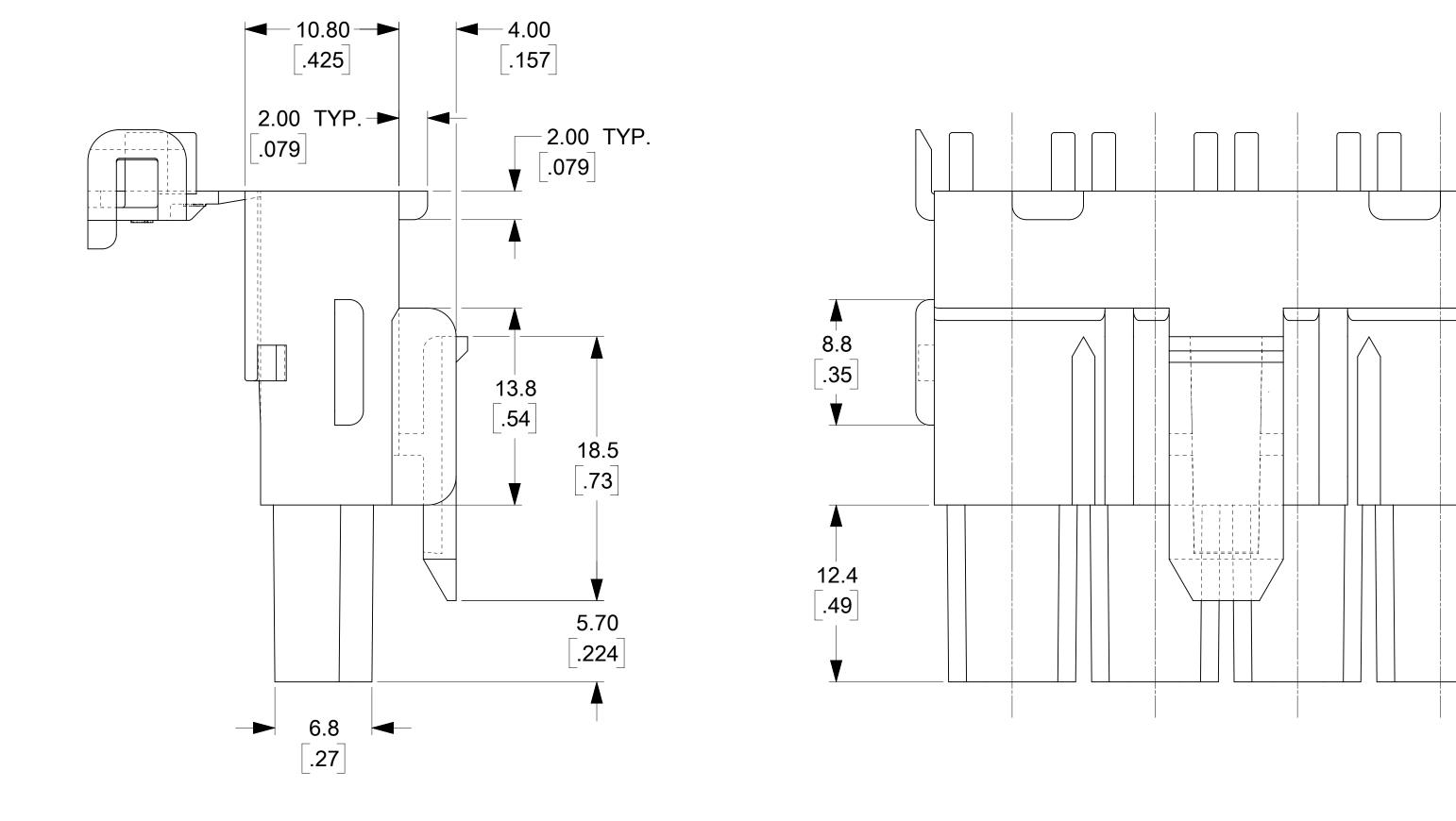


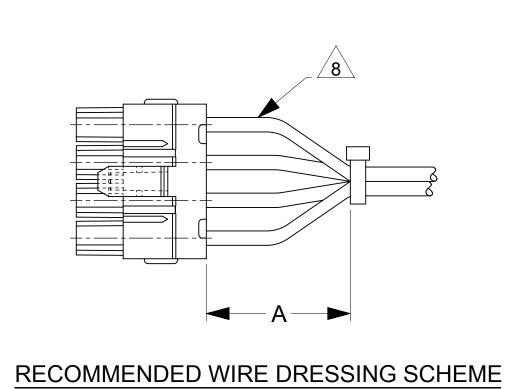
2. TERMINALS ARE LOADED WHEN SEATED AGAINST FORWARD STOP AND TERMINAL LATCHED ARE SNAPPED BEHIND TERMINAL WALLS. RETENTION FORCE AT THIS STAGE = 0.5 Kg.

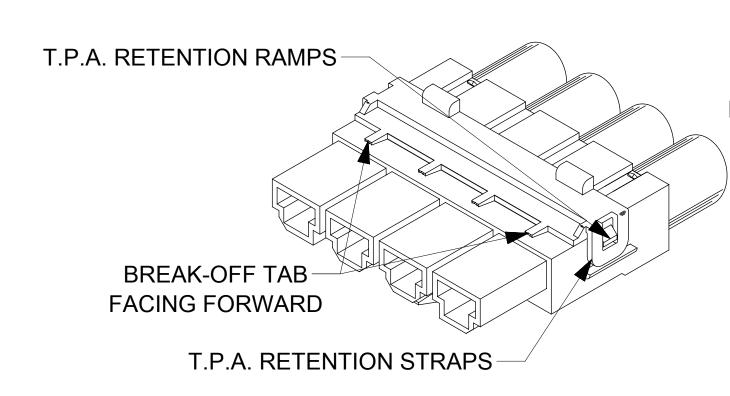


3. AFTER TERMINALS ARE LOADED INTO HOUSING, T.P.A. IS TO BE "BROKEN OFF", ORIENTATED AND INSTALLED IN THE DIRECTION SHOWN UNTIL THE RETENTION STRAPS SNAP OVER THE RETENTION RAMPS. THIS PRODUCT MUST NEVER BE USED WITHOUT THE INSTALLATION OF THE T.P.A.









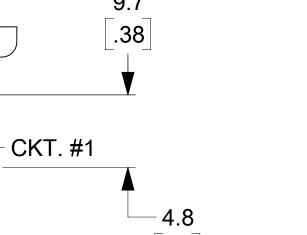
T.P.A. RETENTION STRAPS **BREAK-OFF TAB** T.P.A. RETENTION RAMPS

SHOWN AFTER TERMINAL AND T.P.A. INSTALLATION

SHOWN PRIOR TO TERMINAL INSTALLATION

SHEET NUMBER

1 OF 1



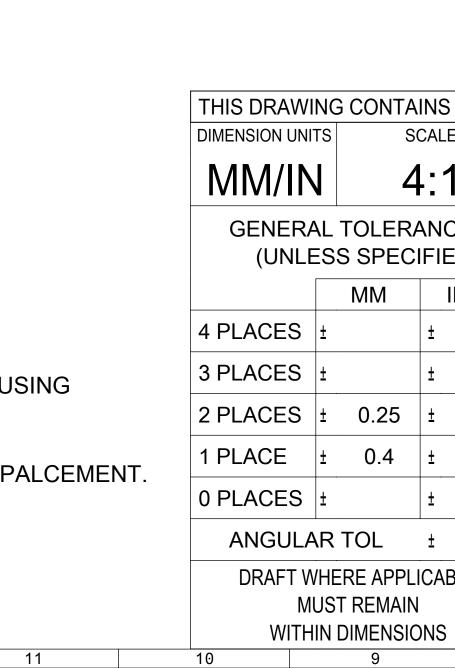
12.10

.476

* THIS PRODUCT MUST NEVER BE USED WITHOUT THE T.P.A *

NOTES:	
1.	MATERIAL:

- 1 = POLYESTER, PBT, U.L. 94V-0,
- COLOR: MOLDED BLACK.
- 2. PART IS FOR USE WITH FEMALE CRIMP TERMINAL #42815.
- 3. PART IS DESIGNED IN METRIC.
- A NO CORE-OUTS UNDER LATCH ON 2, 4 & 6 CIRCUIT PARTS.
- 5. PART MATES WITH MINI-FIT SR. PLUG 42818-***2. 6. ITEM NUMBERS THAT ARE PRECEEDED BY AN "X" ARE NOT AVAILABLE.
- 7. DUE TO THE BREAKAWAY DESIGN OF THE T.P.A. COVER, A FEW MAY HAVE PREMATURELY SEPARATED FROM THEIR HOUSINGS DURING SHIPMENT. IF A HOUSING
- IS MISSING A T.P.A. COVER, IT CAN BE FOUND IN THE SHIPPING CONTAINER. **EACH WIRE MUST BE DRESSED SUCH THAT THE TERMINAL MAINTAINS ITS** FREE FLOAT WITHIN THE HOUSING. SEE CHART FOR RECOMMENDED CABLE TIE PALCEMENT.
- 9. FOR PACKAGING INFORMATION SEE PK-42816-002.
- 10. THIS DRAWING REPLACES SD-42816-***2, REV-E3.



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: molex **GENERAL TOLERANCES** (UNLESS SPECIFIED) EC NO: 635046 MINIFIT SR RECEPTACLE HOUSING DRWN: PKH 2020/03/31 W/TPA 10MM CENTERS 2020/03/31 ± 0.01 CHK'D: ISHWARG 0.25 ± 0.016 APPR: ISHWARG 2020/03/31 PRODUCT CUSTOMER DRAWING **INITIAL REVISION:** 0.4 ± DOC TYPE DOC PART REVISION DOCUMENT NUMBER DRWN: AELHAG 2010/06/16 428160002-SD PSD 000 B1 APPR: FSMITH 2010/06/29 ANGULAR TOL THIRD ANGLE PROJECTION SERIES MATERIAL NUMBER DRAFT WHERE APPLICABLE DRAWING MUST REMAIN E-SIZE 42816 SEE CHART **GENERAL MARKET**

11:23:58 DOCUMENT STATUS RELEASE DATE 2020/03/31

1.61

91877

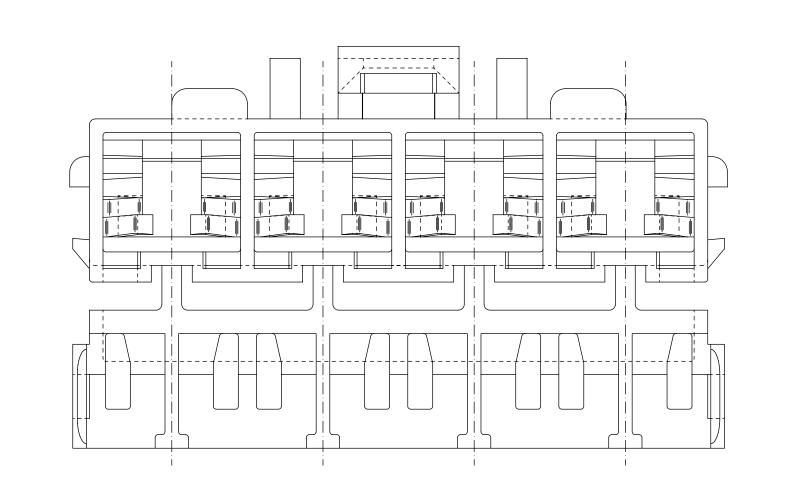
→ 5.45 ← 10.00 →

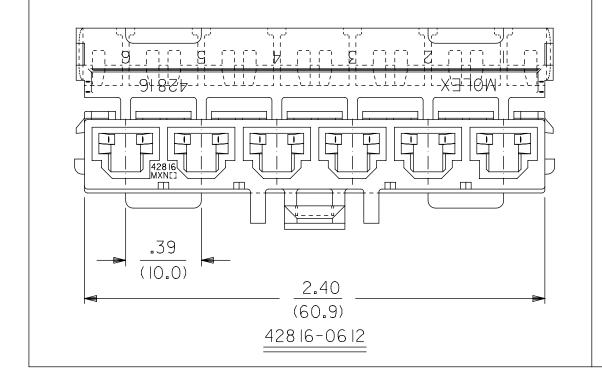
2.90 ☐.114 ▼

.05

.043

1.10





-39 (10.0)
2.00
(50.9)
428 16-05 12

$\frac{1.22}{(30.9)}$ 428 6-03 2 $\frac{.82}{(20.9)}$ 428 6-02 2
--

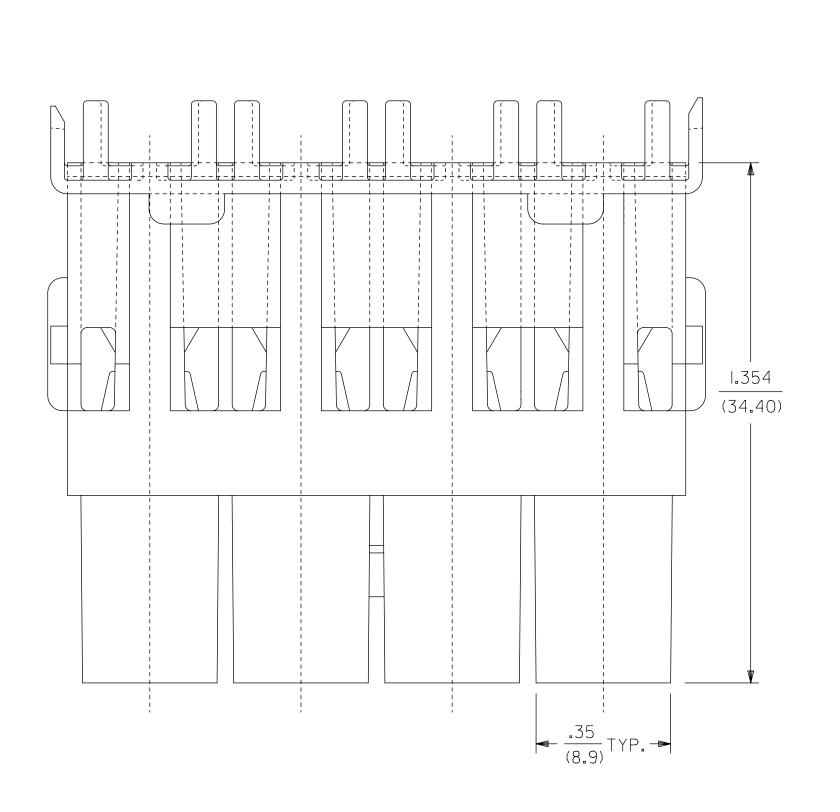
ITEM NUMBER CIRCUIT SIZE "A" 428 6 - 02 12 2 12.7 428 6 - 03 12 3 19.1 428 6 - 04 12 4 25.4 428 6 - 05 12 5 31.7			
428 6-03 2 3 19. 428 6-04 2 4 25.4 428 6-05 2 5 3 .7	ITEM NUMBER	CIRCUIT SIZE	"A"
428 6-04 2 4 25.4 428 6-05 2 5 3 .7	428 6-02 2	2	12.7
42816-0512 5 31.7	42816-0312	3	19.1
	42816-0412	4	25.4
40040 0040	42816-0512	5	31.7
42816-0612 6 38.1	42816-0612	6	38.1

LEGEND: T.P.A. OPTION — 2 = WITH T.P.A.

1 OF 1

GENERAL MARKET

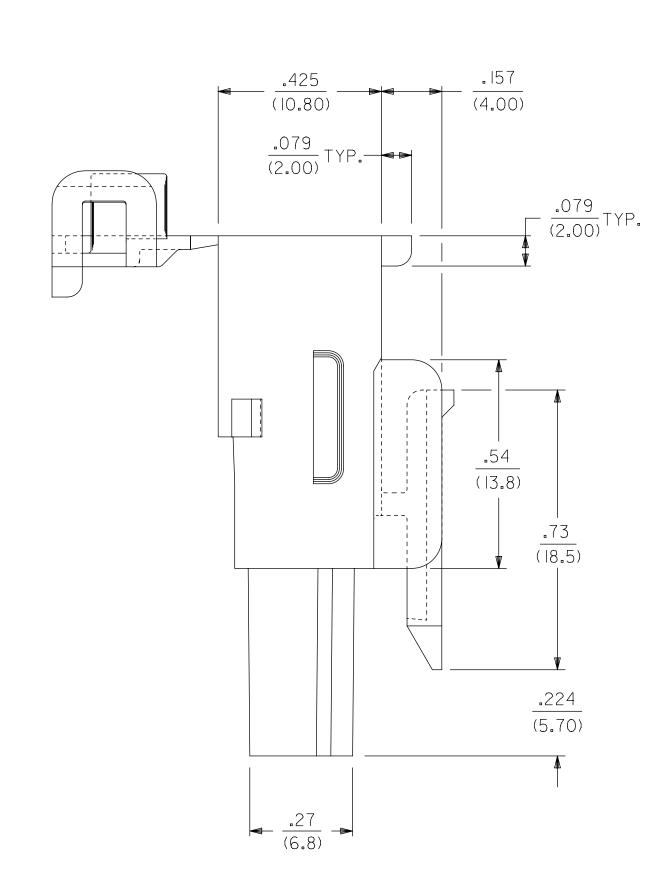
SEE 428160002SD INECTR

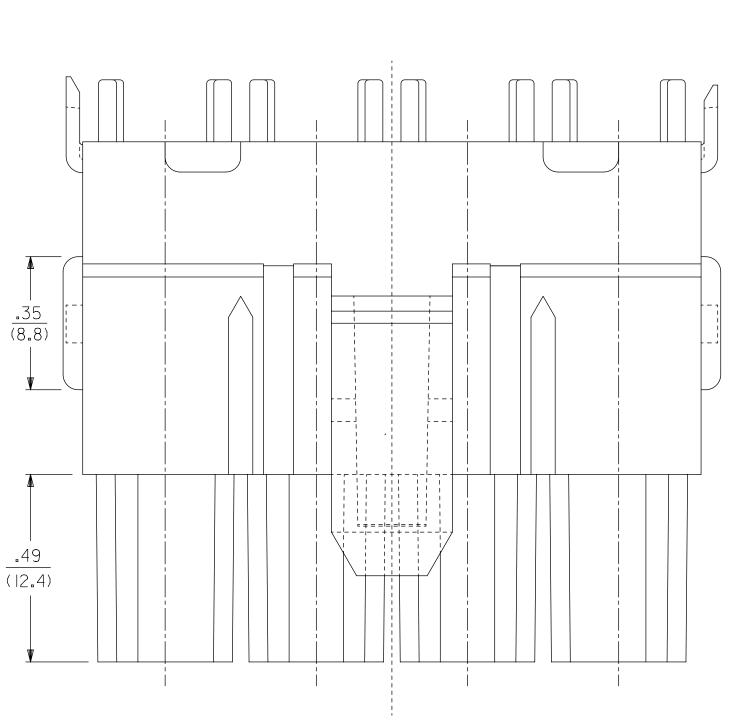


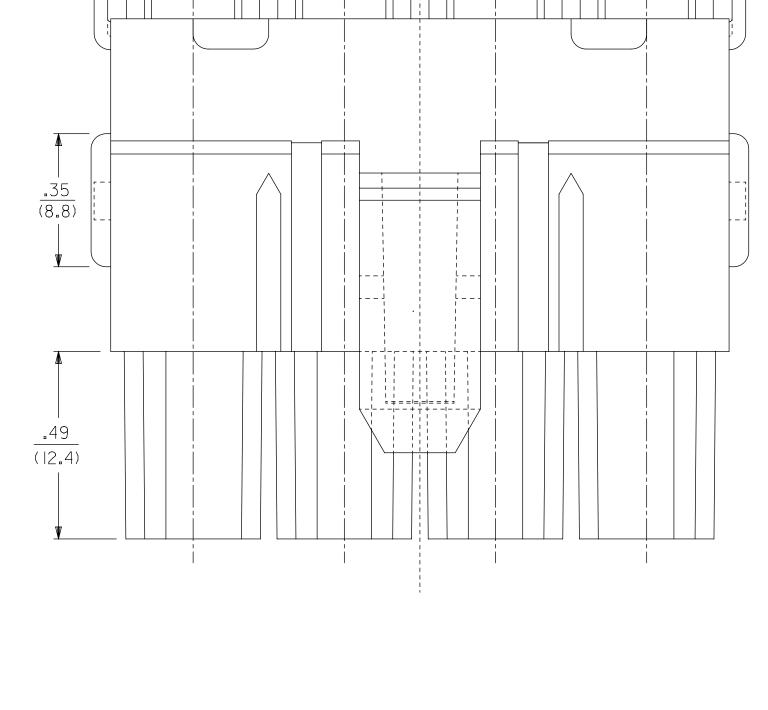
<u>.114</u> (2.90)

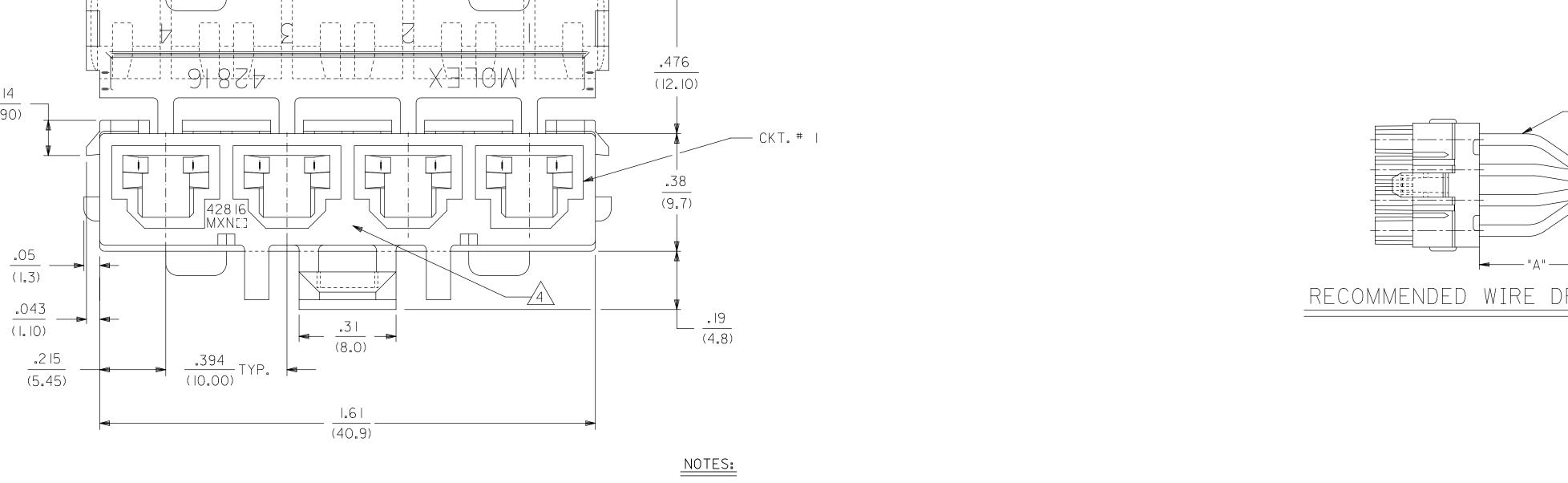
RELEASE DATE

DOCUMENT STATUS









I = POLYESTER, PBT, U.L. 94V-0, COLOR: MOLDED BLACK.

3) PART IS DESIGNED IN METRIC.

2) PART IS FOR USE WITH FEMALE CRIMP TERMINAL #42815.

/4\ NO CORE-OUTS UNDER LATCH ON 2,4 & 6 CIRCUIT PARTS.

6) ITEM NUMBERS THAT ARE PRECEEDED BY AN "X" ARE NOT AVAILABLE.

7) DUE TO THE BREAKAWAY DESIGN OF THE T.P.A. COVER, A FEW MAY HAVE

8 EACH WIRE MUST BE DRESSED SUCH THAT THE TERMINAL MAINTAINS ITS

PREMATURELY SEPARATED FROM THEIR HOUSINGS DURING SHIPMENT. IF A HOUSING

FREE FLOAT WITHIN THE HOUSING. SEE CHART FOR RECOMMENDED CABLE TIE PLACEMENT.

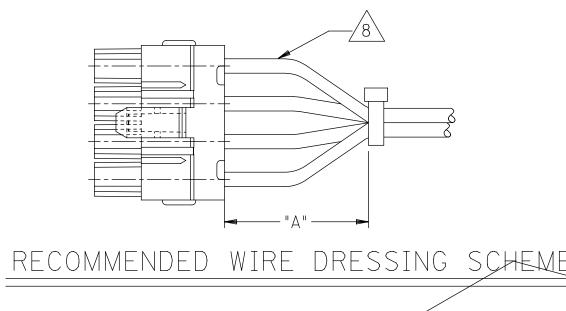
* THIS PRODUCT MUST NEVER BE USED WITHOUT THE T.P.A. *

IS MISSING A T.P.A. COVER, IT CAN BE FOUND IN THE SHIPPING CONTAINER.

5) PART MATES WITH MINI-FIT SR.PLUG 42818-***2.

9) FOR PACKAGING INFORMATION SEE PK-42816-002

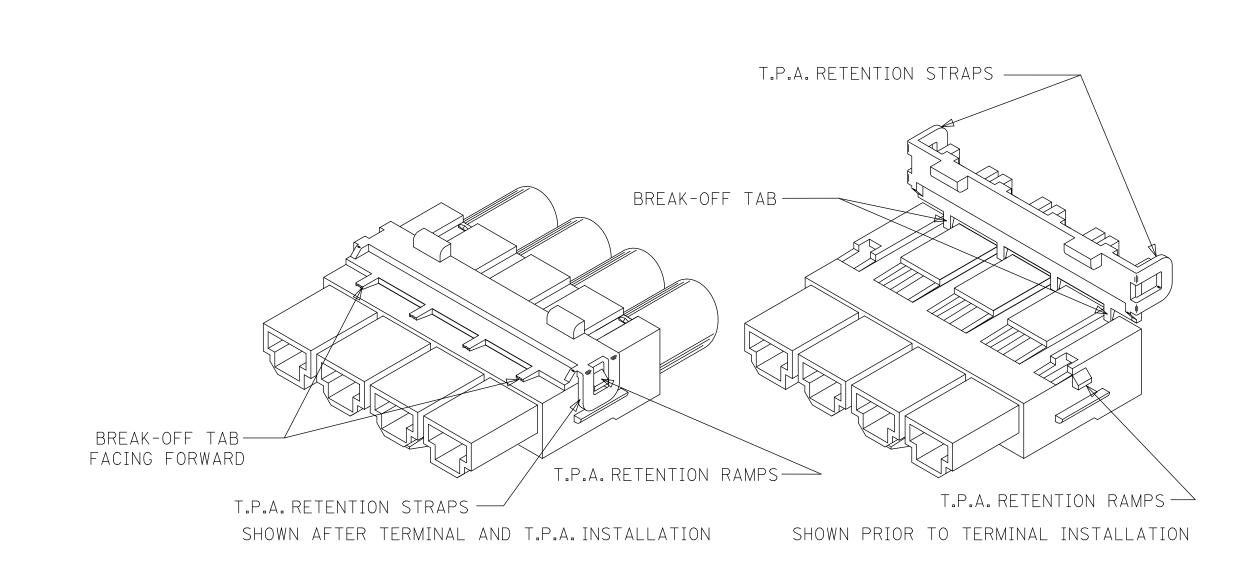
I) MATERIAL:



REFERENCE

MUST REMAIN

WITHIN DIMENSIONS



3. AFTER TERMINALS ARE LOADED INTO HOUSING, T.P.A. IS TO BE "BROKEN OFF", ORIENTATED AND INSTALLED IN THE DIRECTION SHOWN UNTIL THE RETENTION STRAPS

SNAP OVER THE RETENTION RAMPS. THIS PRODUCT MUST NEVER BE USED WITHOUT THE INSTALLATION OF THE T.P.A.

I. TERMINALS ARE TO BE ORIENTATED AND LOADED INTO HOUSING AS SHOWN.

2. TERMINALS ARE LOADED WHEN SEATED AGAINST FORWARD STOP AND TERMINAL LATCHES ARE SNAPPED BEHIND TERMINAL WALLS. RETENTION FORCE AT THIS STAGE = 0.5 Kg.

- RETENTION RAMP

THIS DRAWING	CON	TAINS INF	ORMATION THAT IS PROPRIET	ARY TO MOLEX	ELECTRONIC TEC	CHNOLOGIES, LLC AND S	HOULD NOT BE USED	WITHOUT WR	ITTEN PEF	RMISSION
DIMENSION UNIT	S	SCALE	CURRENT REV DESC:							C
mm		1:1					mole	XE		
GENERAL TO										
ANGULAR TOL	±	0.5 °					RECEPT. HOUS			
4 PLACES	±		EC NO: 633838 DRWN: PKH		2020/02/11	SI	NGLE ROW MIN	IIFII SR.		į t
3 PLACES	±		CHK'D: ISHWARG		2020/03/12	PROD	UCT CUSTOME	E DRAW	ING	
2 PLACES	±	0.25	APPR: ISHWARG		2020/03/12	_			_	DE)//01011
1 PLACE	±	0.4	INITIAL REVISION: DRWN: RFC PLMIMP		2018/11/28	DOCUMENT NUMBER	40 \/\/\		DOC PART	REVISION
0 PLACES	±		APPR: JCOMERCI		2010/11/20	SD-428	16-XXX2	PSD	001	
DRAFT WHERE	APPL	ICABLE	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET	NUMBER

A0-SIZE

42816

SEE CHART

FACING FORWARD