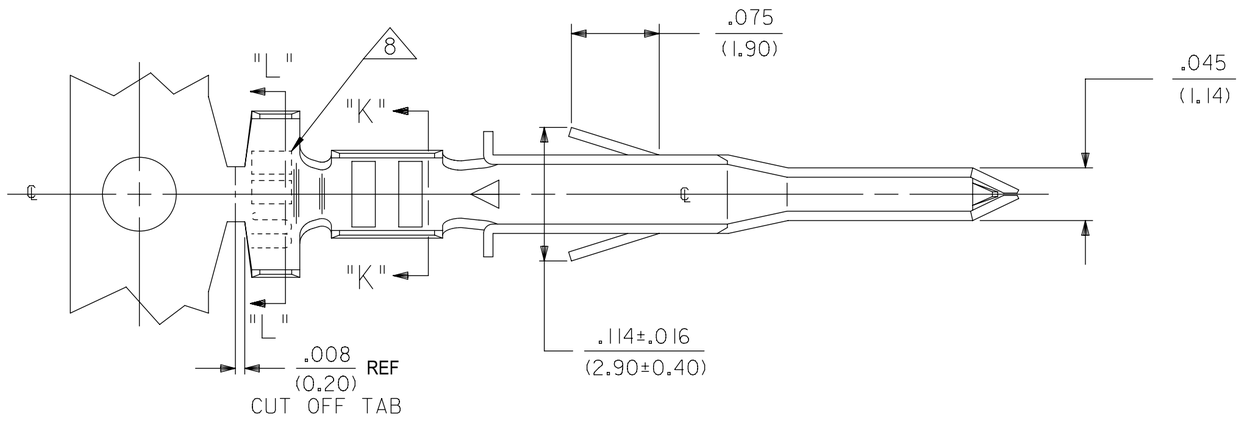
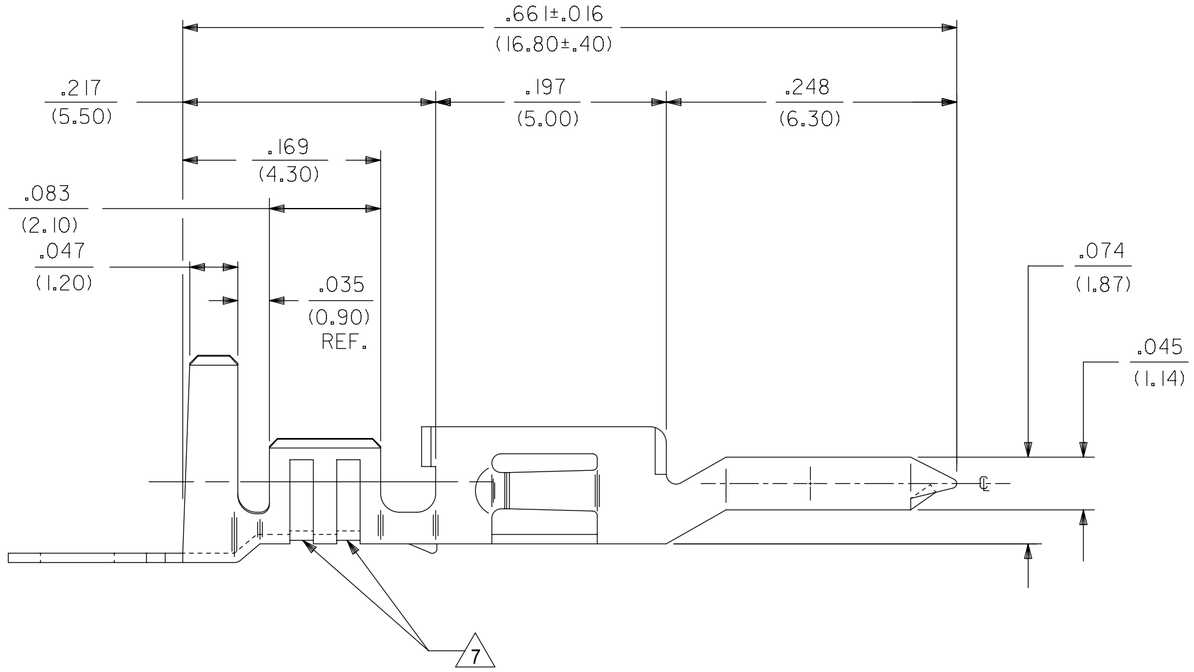
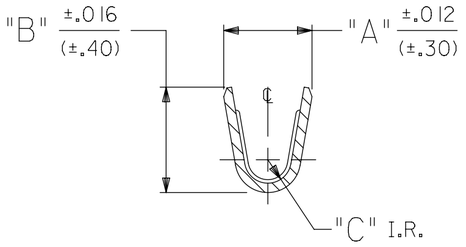




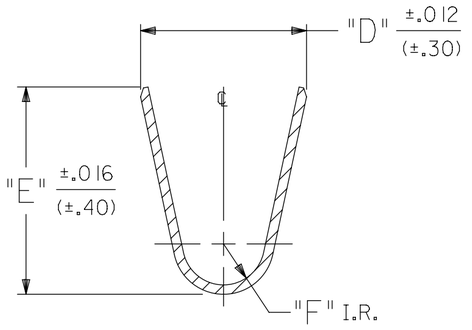
#18-24 TERMINAL SHOWN

NOTES:

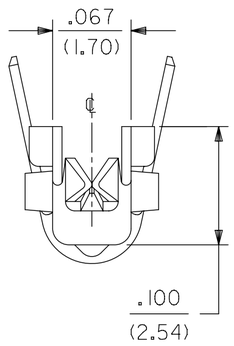
I. MATERIAL:
A. BRASS.
B. PHOS. BRONZE.
2. PLATING:
.000100/(.00254) MIN. TIN OVER .000050/(.00127) MIN. NICKEL (POST-PLATE).
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003
4. PACKAGING SPECIFICATION: PK-5558-001 FOR REELS
PK-5556-003 FOR LOOSE
5. MATES WITH TERMINAL: 5556 SERIES
6. TERMINAL IS FOR USE WITH MOLEX PLUG HOUSINGS 5559, 30068, AND 42475.
△7 THE NUMBER OF SERRATIONS TO BE ONE FOR WIRE RANGE 22-28.
△8 TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
9. WHEN TERMINALS ARE INSTALLED IN THE HOUSING THE WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



SECT. "K-K"
(VIEW ROTATED 90° CW)



SECT. "L-L"
(VIEW ROTATED 90° CW)



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm/INCH	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.250
1 PLACE	± 0.38
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD DOUBLE CRIMP

STATUS: Production
DRWN: Xiao Wei Wang 2026-07-07
CHK'D: Xiao Wei Wang 2026-07-08
APPR: Xue Qing Zhang 2026-07-08

molex

MALE CRIMP TERMINAL WITH TIN-OVER-NICKEL PLATING.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-5558-XSX	PSD	001	D2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	5558	SEE SHEET 2	GENERAL MARKET	1 OF 2

FORMAT: TC-tb-prod-C
REVISION: B
DATE: 2022/08/01

PART NO.	ENG. NO.	FORM	MAT'L.	WIRE AWG RANGE		RANGE OF INSULATION DIA.	QUANTITY PER REEL (FORMED)	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"
				SINGLE WIRE	DOUBLE WIRE								
39-00-0120	5558-S	CHAIN	A BRASS	18-24	22+22	.051-.122 (1.30-3.10)	4,000	.075 (1.90)	.091 (2.30)	.020 (.50)	.142 (3.60)	.177 (4.50)	.035 (.90)
39-00-0121	5558-SL	LOOSE			N/A								
39-00-0122	5558-S2	CHAIN		22-28	N/A	.035-.071 (.90-1.80)	6,000	.071 (1.80)	.065 (1.65)	.016 (.40)	.091 (2.30)	.091 (2.30)	.024 (.60)
39-00-0123	5558-S2L	LOOSE			N/A								
39-00-0124	5558-S3	CHAIN		16	18+22 20+20 20+22	.122 (3.10) MAX.	4,000	.091 (2.30)	.106 (2.70)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)
39-00-0125	5558-S3L	LOOSE			N/A								
39-00-0126	5558-PBS	CHAIN	B PHOS BRONZE	18-24	22+22	.051-.122 (1.30-3.10)	4,000	.075 (1.90)	.091 (2.30)	.020 (.50)	.142 (3.60)	.177 (4.50)	.035 (.90)
39-00-0127	5558-PBSL	LOOSE			N/A								
39-00-0128	5558-PBS2	CHAIN		22-28	N/A	.035-.071 (.90-1.80)	6,000	.071 (1.80)	.065 (1.65)	.016 (.40)	.091 (2.30)	.091 (2.30)	.024 (.60)
39-00-0129	5558-PBS2L	LOOSE			N/A								
39-00-0130	5558-PBS3	CHAIN		16	18+22 20+20 20+22	.122 (3.10) MAX.	4,000	.091 (2.30)	.106 (2.70)	.024 (.60)	.142 (3.60)	.177 (4.50)	.035 (.90)
39-00-0131	5558-PBS3L	LOOSE			N/A								

LEGEND:

5558-**S**

- BASE NO.
- MATERIAL
  - BLANK= BRASS
  - PB= PHOS. BRONZE
- S= TIN OVER NICKEL
- CRIMP SIZE
  - BLANK = 18-24 AWG
  - 2 = 22-28 AWG
  - 3 = 16 AWG
- CHAIN OR LOOSE
  - BLANK= CHAIN
  - L= LOOSE

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DIMENSION UNITS	mm/INCH
SCALE	NTS
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3°
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.250
1 PLACE	± 0.38
0 PLACES	±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

CURRENT REV DESC: ADD DOUBLE CRIMP

STATUS: Production

DRWN:	Xiao Wei Wang	2026-07-07
CHK'D:	Xiao Wei Wang	2026-07-08
APPR:	Xue Qing Zhang	2026-07-08

molex

MALE CRIMP TERMINAL WITH TIN-OVER-NICKEL PLATING.

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-5558-XSX	PSD	001	D2

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	C-SIZE	5558	SEE SHEET 2	GENERAL MARKET	2 OF 2

FORMAT: TC-tb-prod-C
REVISION: B
DATE: 2022/08/01