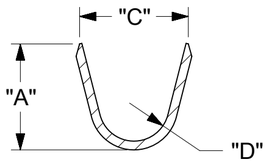


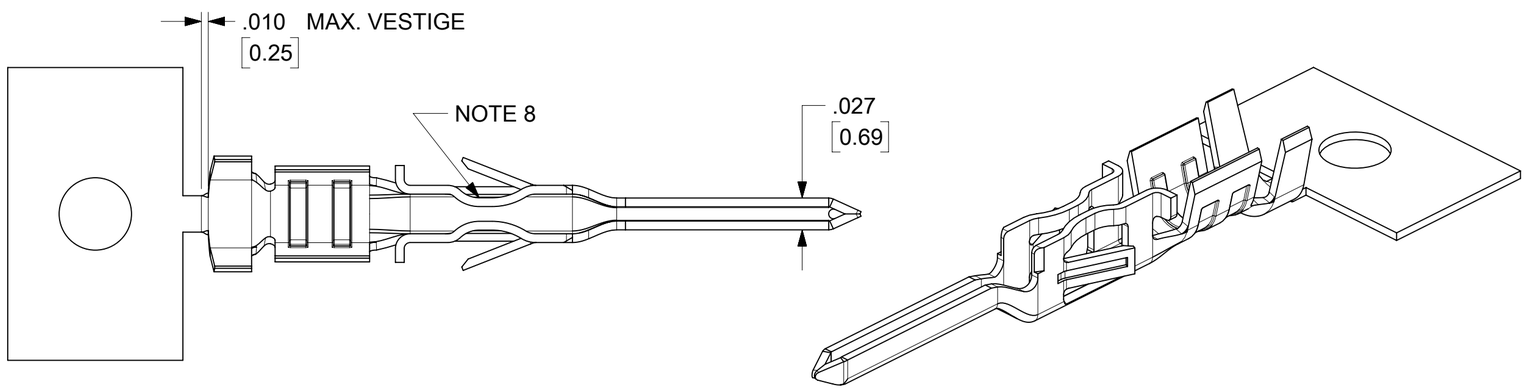
SECTION B-B

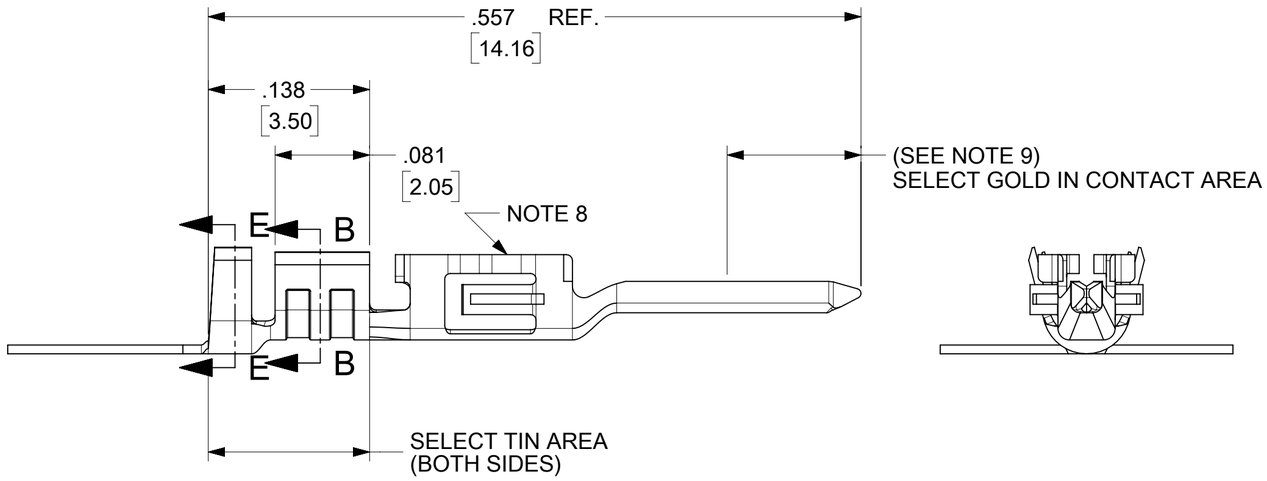


SECTION E-E

WIRE SIZE	MAX. INSULATION
18 OR 0.75mm² (SEE NOTE 11)	.073/(1.85)
20-24	.073/(1.85)
26-30	.050/(1.27)

ITEM NUMBER	PLATING OPTION	WIRE SIZE	ASSEMBLY OPTION	"A" .016 ±0.41	"C" .012 ±0.30	"D" .005 ±0.13	"E" .016 ±0.41	"G" .005 ±0.13	"H" .012 ±0.30
43031-1001	A	20-24	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-1002	B	20-24	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-1003	C	20-24	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.075/(1.91)	.025/(0.64) R.	.082/(2.08)
43031-1004	A	26-30	CHAIN	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)
43031-1005	B	26-30	CHAIN	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)
43031-1006	C	26-30	CHAIN	.075/(1.91)	.083/(2.10)	.025/(0.64) R.	.058/(1.47)	.020/(0.51) R.	.065/(1.65)
43031-1007	A	18 OR 0.75mm² (SEE NOTE 11)	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.086/(2.18)	.029/(0.74) R.	.094/(2.39)
43031-1008	B	18 OR 0.75mm² (SEE NOTE 11)	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.086/(2.18)	.029/(0.74) R.	.094/(2.39)
43031-1009	C	18 OR 0.75mm² (SEE NOTE 11)	CHAIN	.090/(2.29)	.100/(2.54)	.030/(0.76) R.	.086/(2.18)	.029/(0.74) R.	.094/(2.39)





NOTES:
1) MATERIAL: PHOSPHOR BRONZE ALLOY
2) TERMINAL PLATING:
   "A" = 000100/(0.00254) MINIMUM TIN OVER
   .000050/(0.00127) MINIMUM NICKEL
   "B" = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA OUTSIDE ONLE
   .000100/(0.00254) MIN. SELECT TIN
   OVER .000050/(0.00127) MIN. NICKEL
   "C" = .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA OUTSIDE ONLE
   .000100/(0.00254) MIN. SELECT TIN
   OVER .000050/(0.00127) MIN. NICKEL
3) PRODUCT SPECIFICATION: PS-43045, PS-43650.
4) PACKAGING SPECIFICATION: 430311001-PK (REEL).
5) TERMINAL FOR USE IN MICRO FIT PLUG SERIES 43020, 43640.
6) FOR TERMINAL ORIENTATION IN PLUG SEE DRAWINGS FOR PLUG HOUSINGS.
7) THIS TERMINAL IS DESIGNED IN METRIC.
8) TERMINAL MAY HAVE AN INWARD OR OUTWARD FORMED SHAPE IN THIS AREA.
9) SOME GOLD MAY BE PRESENT ON INSIDE SURFACE.
10) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
11) PART NUMBERS FOR 18 AWG OR 0.75 mm² ARE DESIGNED FOR 1061 STYLE WIRE OR A .073/1.85 MAXIMUM INSULATION OUTSIDE DIAMETER.

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

DIMENSION UNITS	SCALE
INCH/MM	NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	± 0.4	±
1 PLACE	± 0.5	±
0 PLACES	±	±
ANGULAR TOL	± 3.0 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 806165
DRWN: ZIXUAQ 2024/08/29
CHK'D: XQZHANG 2024/12/04
APPR: XQZHANG 2024/12/04

INITIAL REVISION:
DRWN: ZIXUAQ 2024/03/19
APPR: XQZHANG 2024/12/04

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43031

molex

MICRO-FIT (3.0) MFBL
MALE TERMINAL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
430311001-SD	PSD	000	A

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

DOCUMENT STATUS	P1	RELEASE DATE	2024/12/04 05:51:43

FORMAT: Eng-lega-master-Bi-prod-C
REVISION: E1
DATE: 2021/05/01