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LOC	DIST
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	RELEASED PER ECO 13-013005	14AUG13	JR	PD

勝特力電材超市-龍山店 886-3-5773766
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胜特力电子(上海) 86-21-34970699
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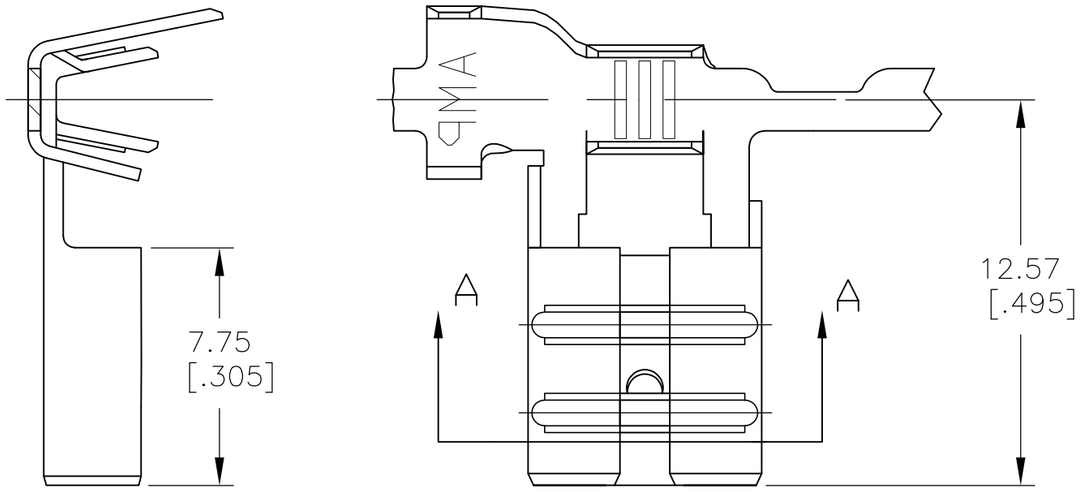
1 CONTINUOUS STRIP ON REELS

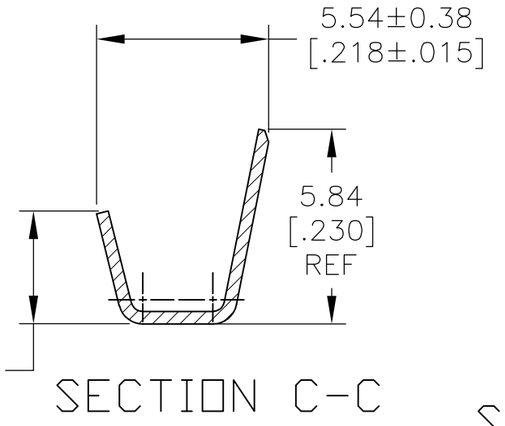
2 WIRE SIZE #18-#14 AWG

3 INSULATION DIA 2.79-4.06 [.110-.160] DIA

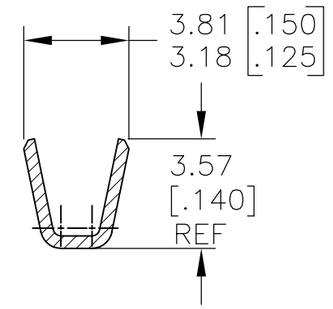
4 MATING TAB THK IS 0.81±0.025 [.032±.001]

5 RECEPTACLE IS DESIGNED TO OPTIMIZE MATING AND UNMATING FORCES ON A TAB WITH A RETENTION HOLE. VALUES MAY VARY ON A TAB WITH A DETENT.

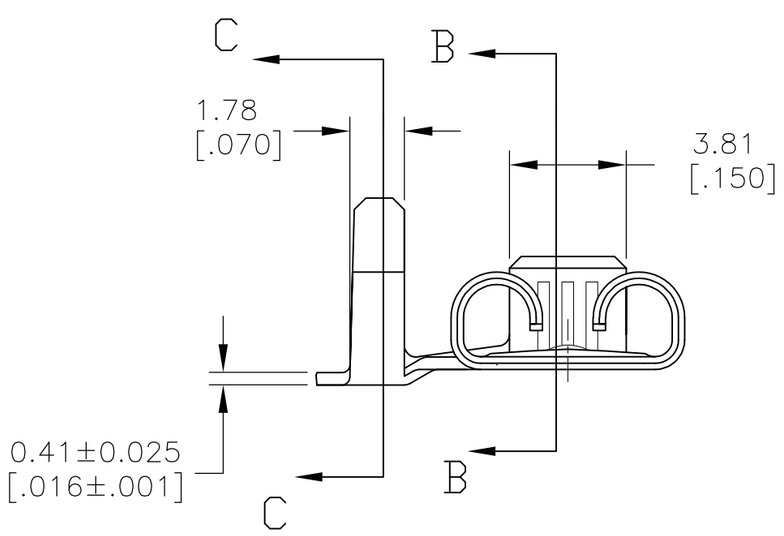


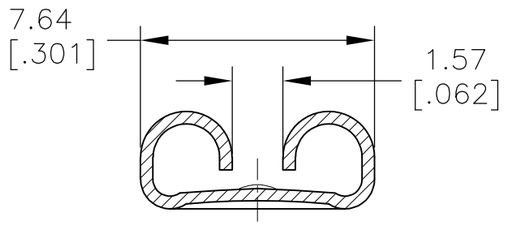


SECTION C-C



SECTION B-B





SECTION A-A

TIN PLATE	1742999-2
-----	1742999-1
FINISH	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL: BRASS

FINISH: SEE TABLE

DWN JR RUTH 30NOV2012
CHK PETE DESANTIS 30NOV12
APVD PETE DESANTIS 30NOV12
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

CUSTOMER DRAWING

TE Connectivity

NAME
RECEPTACLE, FLAG FASTON,
.250 SERIES
—

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1742999	—

SCALE	SHEET	REV
5:1	1 OF 1	A1



Introducing
Low Insertion Force FASTON Terminals

TE Connectivity (TE) FASTON terminals and connectors have been the industry leader in the appliance and automotive industries for years. TE continues to reinvent the FASTON product line to meet the changing trends in these industries. We have seen the need for terminals with lower insertion forces for improved ergonomics so TE is proud to introduce several new products specifically designed to meet these applications. These new products come with the same strong engineering support and high quality that TE has provided for over 50 years.

te.com/products/faston

TE connectivity

High Temperature Low Insertion Force Receptacles

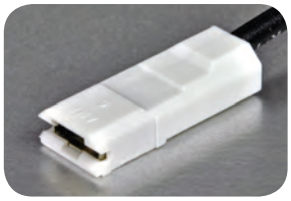
- Nickel plated steel terminals
- "Dog bone" design allows tab to slide on rolled edges
- Terminals rated up to 250˚C. Housings on pre-insulated Ultra-Pod rated up to 150°C
- Can be used with high temperature FASTON housings
- UL recognized
- Max insertion force 8 lbs.



Straight Terminal



Flag Terminal



Ultra-Pod Terminal

Part Number	Mating Interface	Orientation	Wire AWG	Insulation Diameter	Stock Thickness	Pre-Insulated Ultra-Pod
1742198-1	.250 x .032 [6.35 x 0.81]	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	.016 [.41]	No
1969447-1	.250 x .032 [6.35 x 0.81]	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	.016 [.41]	Yes
1742883-1	.187 x .032 [4.75 x 0.81]	Straight	20 - 16	.090 - .130 [2.29 - 3.30]	.012 [.31]	No
1742899-1	.187 x .032 [4.75 x 0.81]	Straight	18 - 16, 2 (18)	.105 - .210 [2.67 - 5.33]	.012 [.31]	No
1742841-1	.187 x .020 [4.75 x 0.51]	Straight	20 - 16	.090 - .130 [2.29 - 3.30]	.012 [.31]	No
1742543-1	.250 x .032 [6.35 x 0.81]	Flag	18 - 12	.110 - .210 [2.79 - 5.33]	.016 [.41]	No
2238041-1	.187 x .032 [4.75 x 0.81]	Flag	20 - 16	.110 - .179 [2.79 - 4.32]	.013 [.33]	No

Brass Low Insertion Force Receptacles

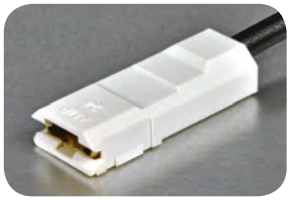
- Brass and tin plated brass terminals
- .250 x .032 mating interface (6.35 x .081)
- Stock thickness .016 (0.41)
- Redesign of the Budget style terminal
- Max insertion force ≤ 6 lbs
- Ultra-Pod receptacles use a V-0, 130˚C raw material



Straight Terminal



Flag Terminal



Ultra-Pod Terminal

Part Number	Material / Finish	Orientation	Wire AWG	Insulation Diameter	Pre-Insulated Ultra-Pod
1742971-3	Brass	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	No
1742971-4	Tin plated brass	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	No
1969529-1	Brass	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	Yes
1969529-2	Tin plated brass	Straight	18 - 14	.120 - .170 [3.05 - 4.32]	Yes
2238027-3	Brass	Straight	22 - 18	.090 - .130 [2.29 - 3.30]	No
2238027-4	Tin plated brass	Straight	22 - 18	.090 - .130 [2.29 - 3.30]	No
1969161-1	Brass	Straight	22 - 18	.090 - .130 [2.29 - 3.30]	Yes
1969161-2	Tin plated brass	Straight	22 - 18	.090 - .130 [2.29 - 3.30]	Yes
1742999-1	Brass	Flag	18 - 14	.110 - .160 [2.79 - 4.06]	No
1742999-2	Tin plated brass	Flag	18 - 14	.110 - .160 [2.79 - 4.06]	No

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