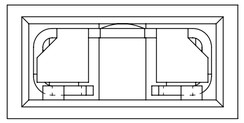
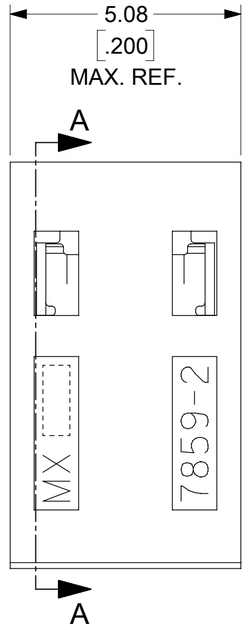
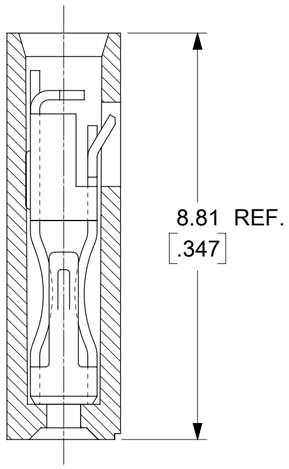
TERMINAL WITH PIN STOP

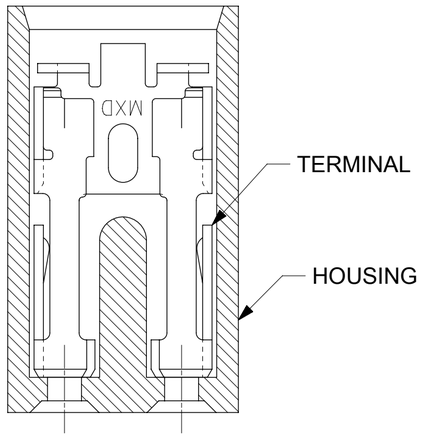


EDP NO.	ENG. NO.	FINISH
15-38-1026	A-7859-2A164	TIN OVERALL
15-29-1025	A-7859-2A554	15 GOLD
15-29-1027	A-7859-2A561	30 GOLD
7859-1027		30 GOLD

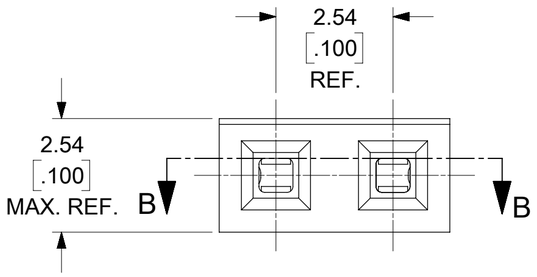




SECTION A-A



SECTION B-B



NOTES:

1. MATERIAL:
   HOUSING: GLASS FILLED POLYESTER; 94V-0; COLOR: BLACK
   TERMINAL: PHOSPHOR BRONZE ALLOY.
2. THIS PRODUCT CONFORMS TO MOLEX PRODUCT SPEC. PS-7859.
3. TO BE USED WITH 0.64/[.025] SQUARE PINS.
4. MINIMUM MATING PIN LENGTH: 5.08/[.200]
   MAXIMUM MATING PIN LENGTH: 6.86/[.270]
5. PRODUCT IS PACKAGED IN BOXES PER PK-70873-0815.

FINISH SPECIFICATION

TIN OVERALL - 3.89µm/[.000150] MINIMUM TIN PLATE OVER
1.27µm/[.000050] MINIMUM NICKEL UNDERPLATE.
15 GOLD - 0.389µm/[.000015] MINIMUM GOLD PLATE IN SELECT AREA OVER
1.27µm/[.000050] MINIMUM NICKEL UNDERPLATE OVERALL.
30 GOLD - 0.762µm/[.000030] MINIMUM GOLD PLATE IN SELECT AREA OVER
1.27µm/[.000050] MINIMUM NICKEL UNDERPLATE OVERALL.

NOTE FOR LEAD FREE CONVERSION:

THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONATIN PRODUCT WITH LEAD.

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/02 16:12:36

SYMBOLS: FA = 0; FC = 0; FB = 0; S = 0; ▼ = 0; C = 0; ☒ = 0; ■ = 0; V = 0

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DIMENSION UNITS: MM/INCH | SCALE: 10:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.005
2 PLACES	± 0.13	± 0.01
1 PLACE	± 0.25	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: MIGRATED TO NX

EC NO: 614890

DRWN:	NMANE02	2019/04/02
CHK'D:	ISHWARG	2019/04/02
APPR:	ISHWARG	2019/04/02

INITIAL REVISION:

DRWN:	BSMART	2004/05/05
APPR:	SMILLER	2004/05/18

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 7859

molex

SALES ASSY - SHUNT
2-CIRCUIT TERMINAL W/PIN STOP

PRODUCT CUSTOMER DRAWING

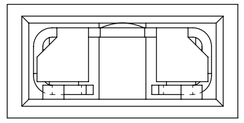
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SDA-7859-2AXXXN	PSD	001	D2

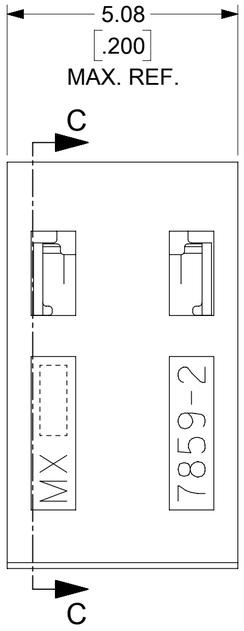
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 2

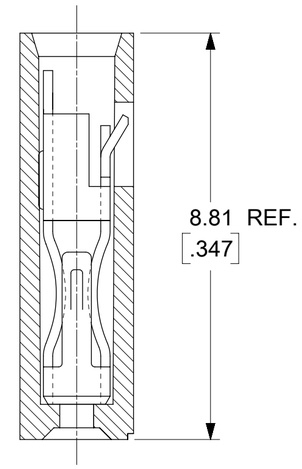
FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18

TERMINAL WITH OUT PIN STOP

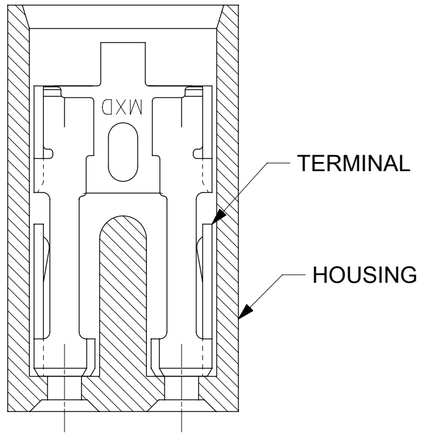
EDP NO.	ENG. NO.	FINISH
15-38-1024	A-7859-2164	TIN OVERALL
15-29-1024	A-7859-2554	15 GOLD
15-29-1026	A-7859-2561	30 GOLD
7859-1024		TIN OVERALL



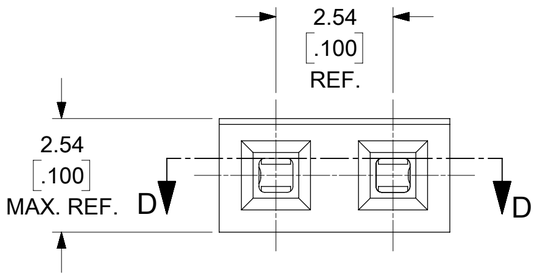




SECTION A-A



SECTION B-B



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SYMBOLS	
EA	= 0
EC	= 0
EP	= 0
S	= 0
▼	= 0
C	= 0
☒	= 0
■	= 0
V	= 0

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DIMENSION UNITS	SCALE
mm	10:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

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INITIAL REVISION:		
DRWN:	BSMART	2004/05/05
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THIRD ANGLE PROJECTION

molex

SALES ASSY - SHUNT
2-CIRCUIT TERMINAL W/PIN STOP

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SDA-7859-2AXXXN	PSD	001	D2

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
C-SIZE	7859	SEE CHART	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2019/04/02 16:12:36

FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18