



**RoHS
COMPLIANT**

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00 - 9158 - 016 - 020 - 061

PREFIX

SERIES

NO. OF WAYS

CODE	NO. OF WAYS
016	16
020	20
024	24
028	28

STACK HEIGHT

CODE	HEIGHT
020	1.9mm TO 2.1mm
025	2.1mm TO 2.7mm
030	2.8mm TO 3.3mm

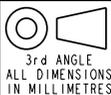
PLATING VARIATION

CODE	PLATING
06	SELECTIVE GOLD 0.25µm GOLD PLATED CONTACT NOSE PURE TIN TAIL

PCB LOCATION BOSSES

CODE	DESCRIPTION
1	WITH PCB LOCATION BOSSES
2	WITHOUT PCB LOCATION BOSSES

Release No.
History
I00290
I01245
I01277
I01561
I02064
I02070
I02211
I02258



3rd ANGLE
ALL DIMENSIONS
IN MILLIMETRES

ELCO

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Drawn
GKJ

Size
CV

Description
9158 ORDERING CODE

Part Number
00-9158-01S SHEET 1 OF 7

DATE
29-Jul-00

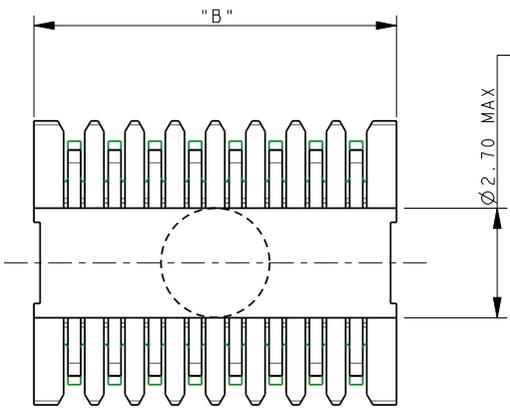
Issue
7

A

I

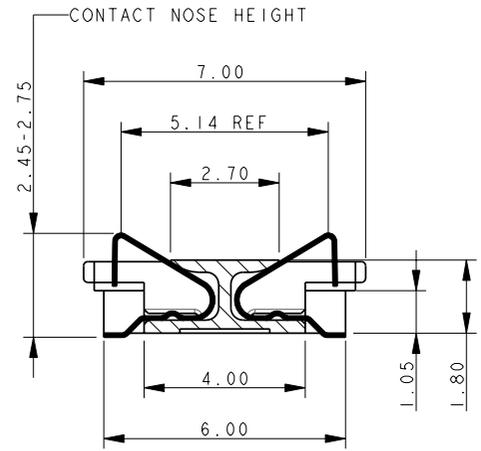
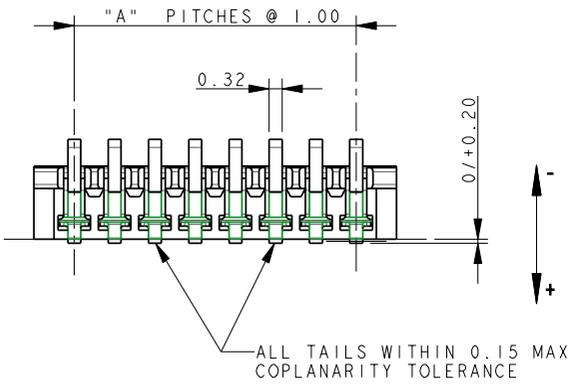
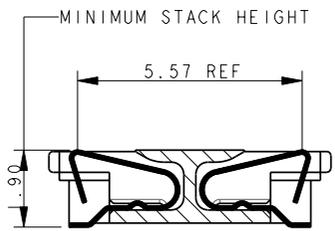
B

FORM-106-01-056-6 ISS-7



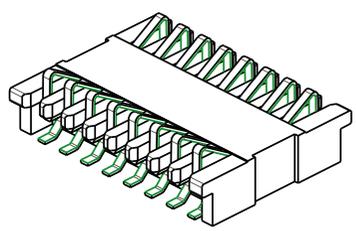
AVAILABLE VACUUM
PLACEMENT AREA

MATING CONDITION

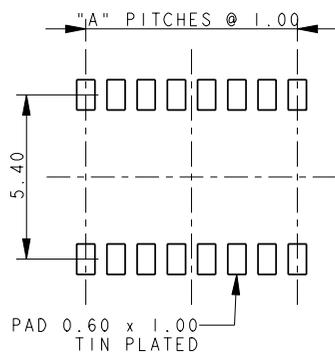


NO OF POSITIONS	PART NUMBER	A	B	TAPE WIDTH	REEL QTY	PACK QTY
16	00-9158-016-020-062	7	9.00	16	1500	10500
20	00-9158-020-020-062	9	11.00	24	1500	7500
24	00-9158-024-020-062	11	13.00	24	1500	7500
28	00-9158-028-020-062	13	15.00	24	1500	7500

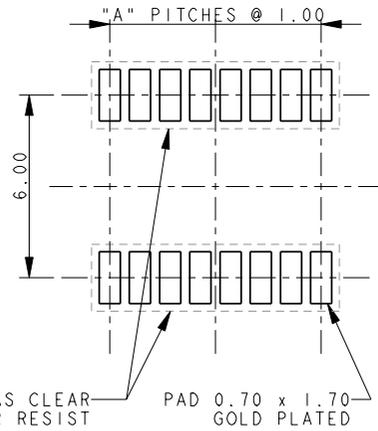
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SMT PCB FOOTPRINT



MATING PCB FOOTPRINT



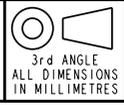
**SOLO
STACKER**

NOTES

- LAYOUT FOR MULTI-WAY DUAL ROW STACKING CONNECTOR (ELCO SERIES 9158).
- FOR FULL PRODUCT SPECIFICATION REFER TO ELCO SPEC 201-01-073.
- PART TO BE PACKED IN TAPE AND REEL. REFER TO TABLE FOR QUANTITIES.
- STACKER DESIGN TO ACCOMMODATE A PCB STACKING HEIGHT OF 1.90mm TO 2.10mm.
- NO ALLOWANCE HAS BEEN MADE FOR SOLDER PASTE THICKNESS IN PCB STACKING HEIGHT.
- GENERAL TOLERANCE ± 0.20 UNLESS OTHERWISE STATED.

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Release No.
History
100290
101245
101277
101561
102046
102070
102211
102238

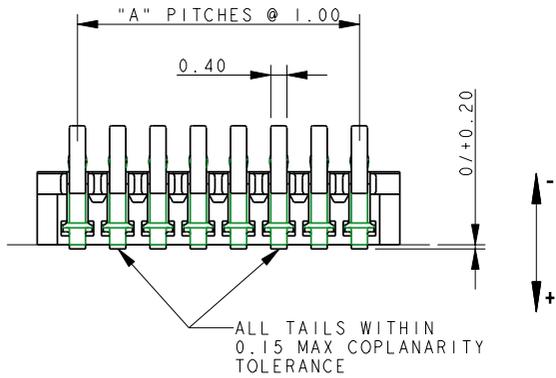
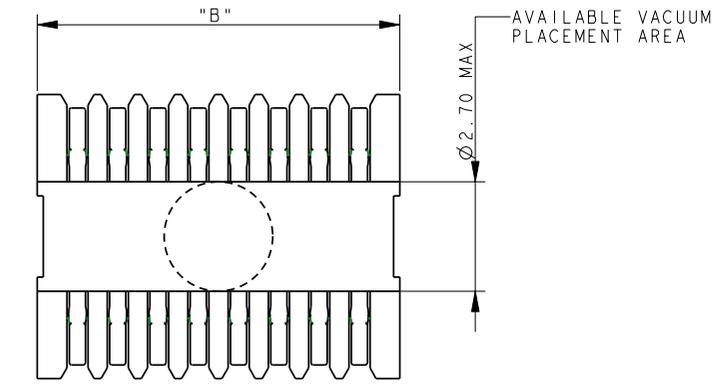


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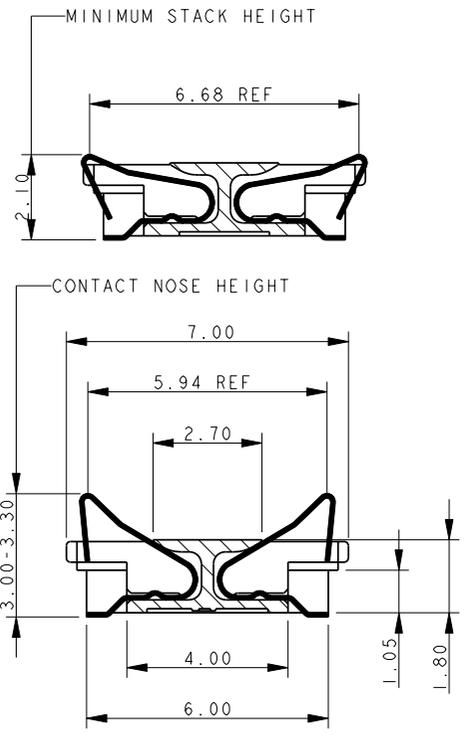
Drawn
GKJ
Size
CV

Description
STD 2.0mm SOLO STACKER W/O BOSSES
Part Number
00-9158-01S

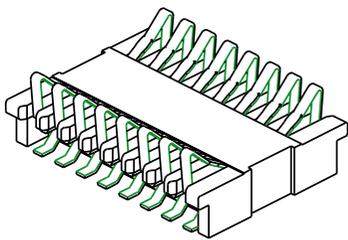
DATE
28-Sep-04
Issue
7



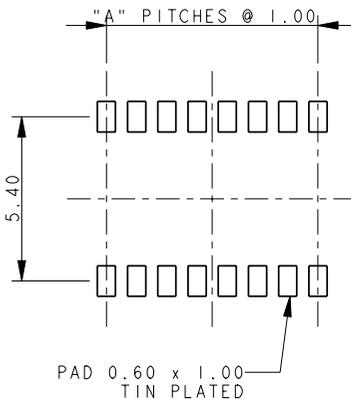
MATING CONDITION



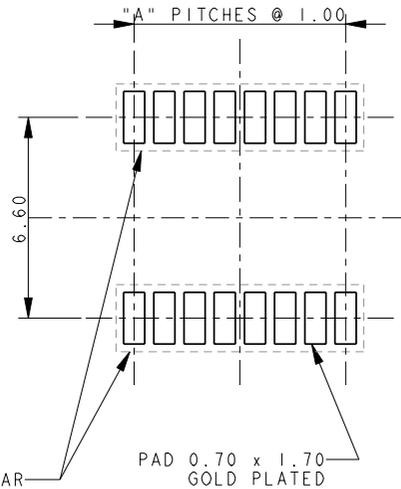
No OF POSITIONS	PART NUMBER	A	B	TAPE WIDTH	REEL QTY	PACK QTY
16	00-9158-016-025-062	7	9.00	16	1250	8750
20	00-9158-020-025-062	9	11.00	24	1250	6250
24	00-9158-024-025-062	11	13.00	24	1250	6250
28	00-9158-028-025-062	13	15.00	24	1250	6250



SMT PCB FOOTPRINT



MATING PCB FOOTPRINT



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**SOLO
STACKER**

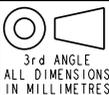
NOTES

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- FOR FULL PRODUCT SPECIFICATION REFER TO ELCO SPEC 201-01-073.
- PART TO BE PACKED IN TAPE AND REEL. REFER TO TABLE FOR QUANTITIES.
- STACKER DESIGN TO ACCOMMODATE A PCB STACKING HEIGHT OF 2.10mm TO 2.70mm.
- NO ALLOWANCE HAS BEEN MADE FOR SOLDER PASTE THICKNESS IN PCB STACKING HEIGHT.
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SHEET 3 OF 7

Release No.
History
100290
101245
101277
101561
102046
102070
102211
102238



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Drawn
GKJ

Size
CV

Description
STD 2.50mm SOLO STACKER W/O BOSSES

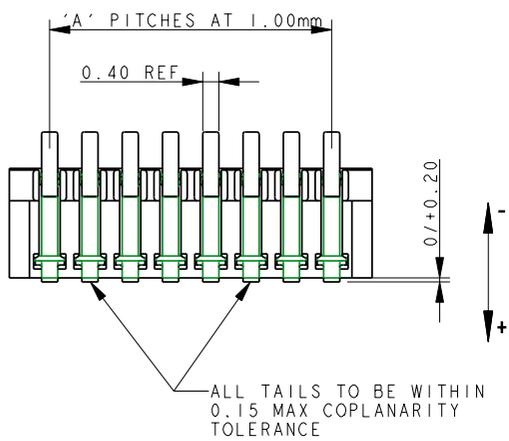
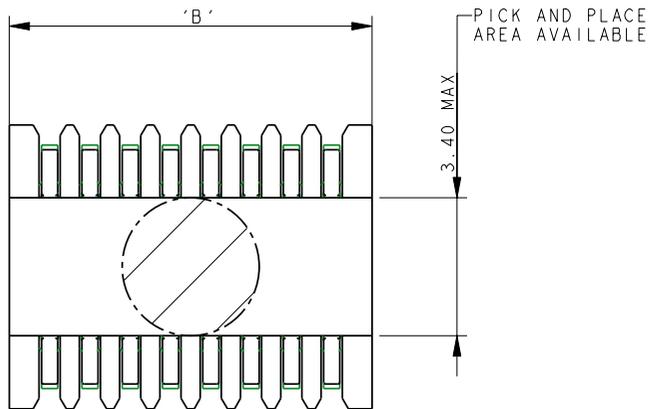
Part Number
00-9158-01S

DATE
29-Sep-04

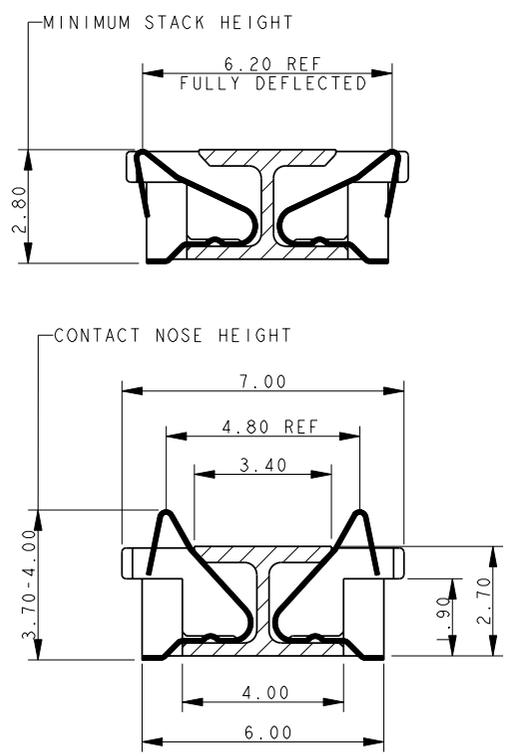
Issue
7

A

B

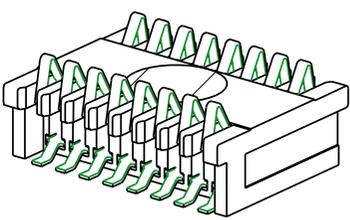


MATING CONDITION

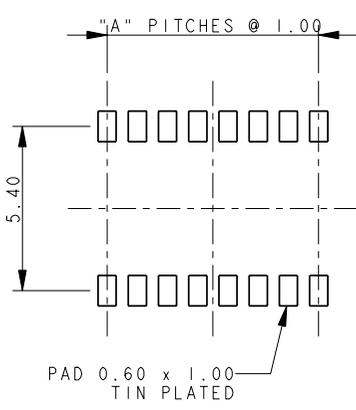


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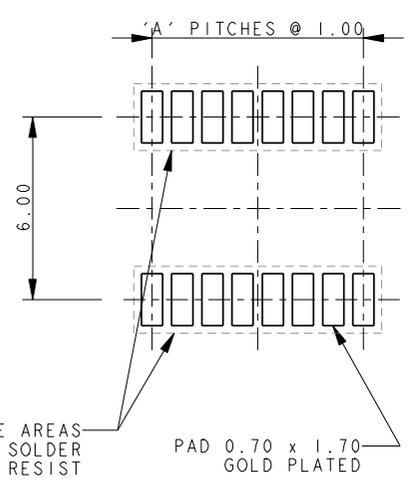
No. OF POSITIONS	PART NUMBER	A	B	TAPE WIDTH	REEL QTY	PACK QTY
16	00-9158-016-030-062	7	9.00	16	1100	7700
20	00-9158-020-030-062	9	11.00	24	1100	5500
24	00-9158-024-030-062	11	13.00	24	1100	5500
28	00-9158-028-030-062	13	15.00	24	1100	5500



SMT PCB FOOTPRINT



MATING PCB FOOTPRINT



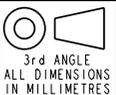
**SOLO
STACKER**

NOTES

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Release No.
History
100290
101245
101277
101561
102046
102070
102211
102238



Drawn
GKJ
Size
CV

Description
STD 3.00mm SOLO STACKER W/O BOSSES
Part Number
00-9158-01S

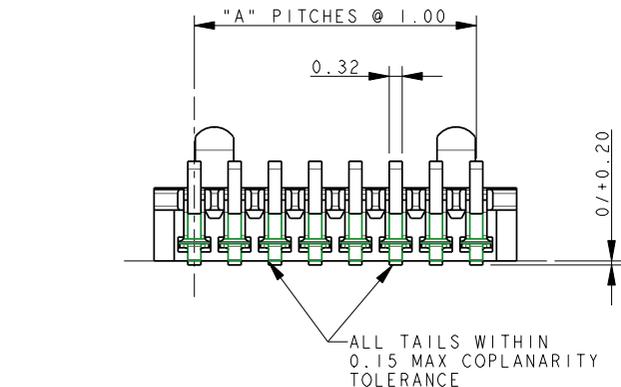
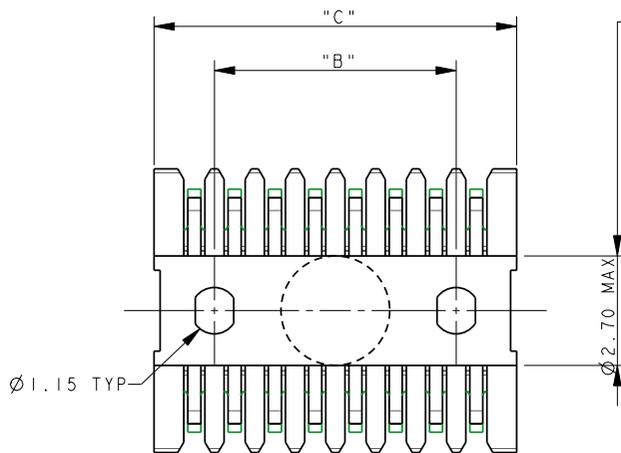
DATE
29-Sep-04
Issue
7

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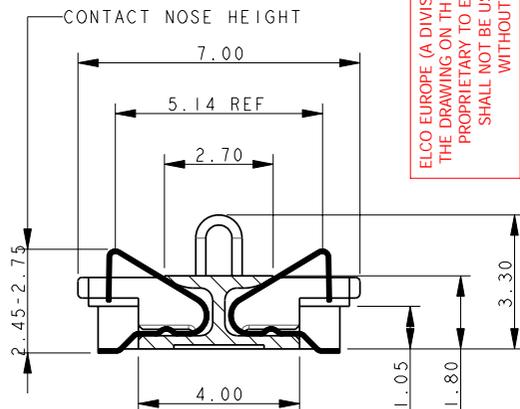
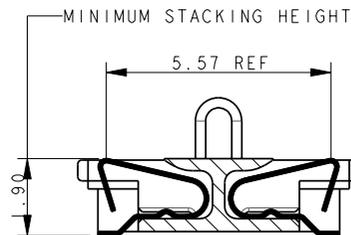
I

B

FORM-106-01-056-6 ISS 7

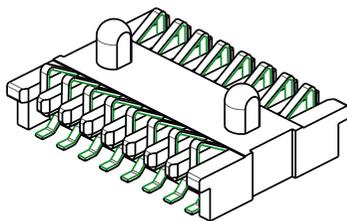


MATING CONDITION



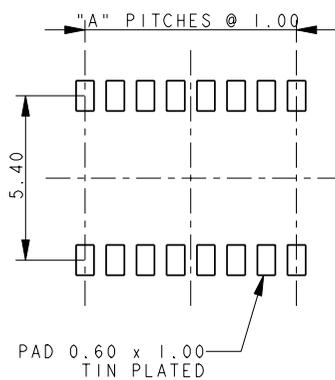
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No OF POSITIONS	PART NUMBER	A	B	C	TAPE WIDTH	REEL QTY	PACK QTY
16	00-9158-016-020-061	7	6.00	9.00	16	1250	8750
20	00-9158-020-020-061	9	8.00	11.00	24	1250	6250
24	00-9158-024-020-061	11	10.00	13.00	24	1250	6250
28	00-9158-028-020-061	13	12.00	15.00	24	1250	6250

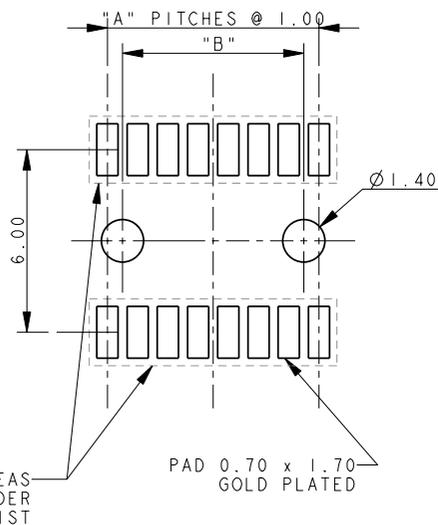


**SOlo
STACKER**

SMT PCB FOOTPRINT



MATING PCB FOOTPRINT



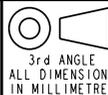
NOTES

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SHEET 5 OF 7

Release No.
 History
 100290
 101245
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 102046
 102070
 102211
 102238



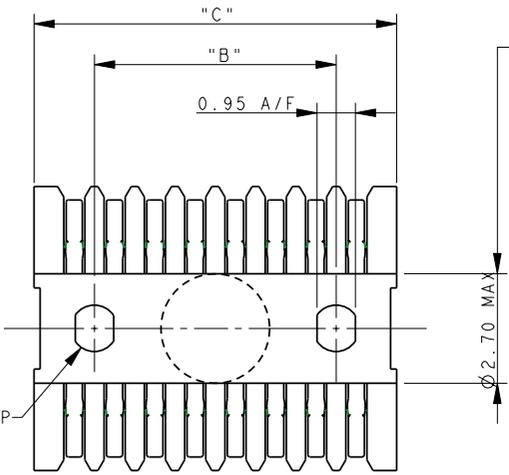
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Drawn
 GKJ
 Size
 CV

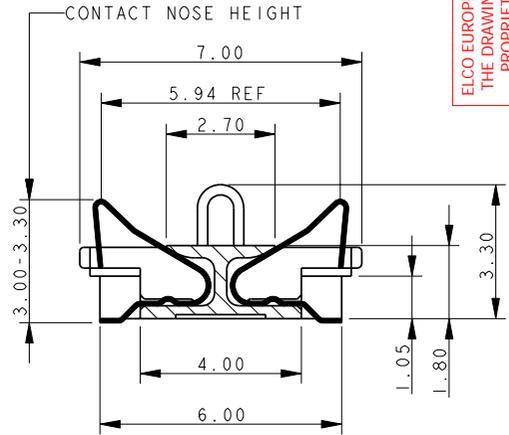
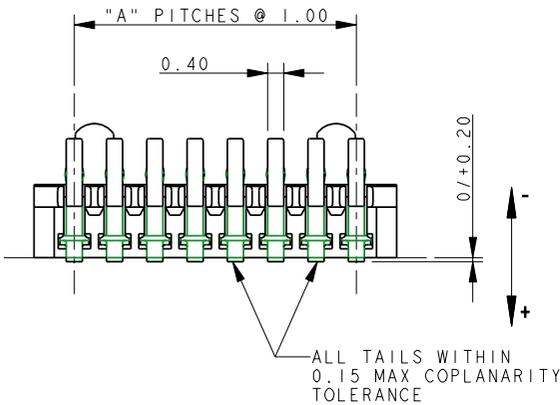
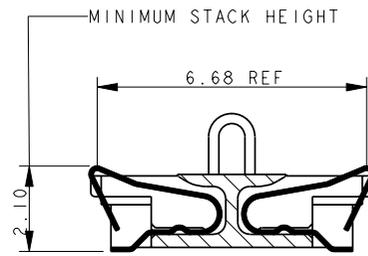
Description
 STD 2.00mm SOlo STACKER W/BOSSSES
 Part Number
 00-9158-01S

DATE
 29-Sep-04
 Issue
 7



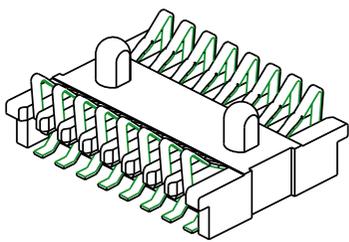
AVAILABLE VACUUM
PLACEMENT AREA

MATING CONDITION

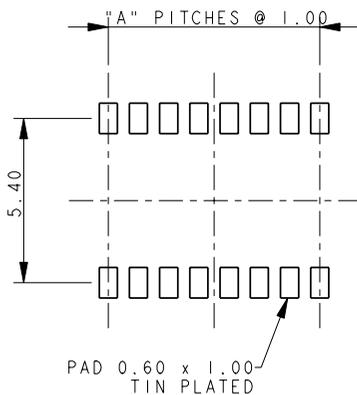


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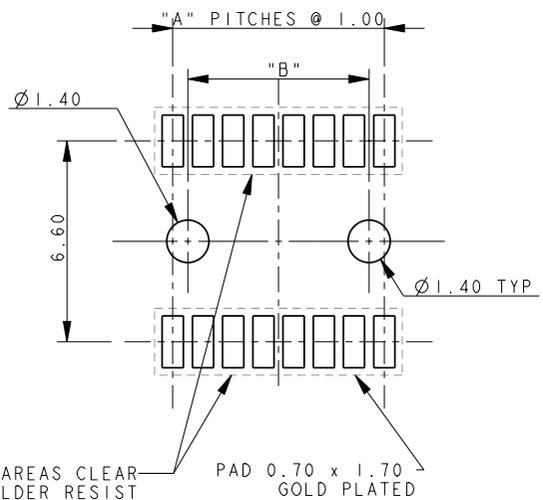
No. OF POSITIONS	PART NUMBER	A	B	C	TAPE WIDTH	REEL QTY	PACK QTY
16	00-9158-016-025-061	7	6.00	9.00	16	1250	8750
20	00-9158-020-025-061	9	8.00	11.00	24	1250	6250
24	00-9158-024-025-061	11	10.00	13.00	24	1250	6250
28	00-9158-028-025-061	13	12.00	15.00	24	1250	6250



SMT PCB FOOTPRINT



MATING PCB FOOTPRINT



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FROM SOLDER RESIST

NOTES

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- GENERAL TOLERANCE ± 0.20 UNLESS OTHERWISE STATED.

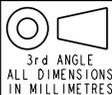


**SOLO
STACKER**

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SHEET 6 OF 7

Release No.
History
100290
101245
101277
101561
102046
102070
102211
102258



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Drawn
GKJ

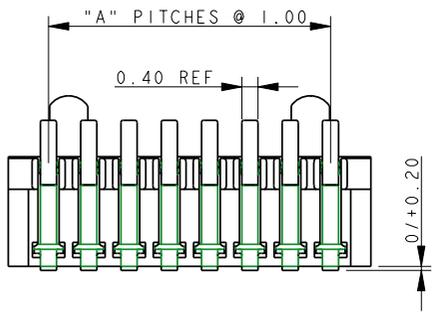
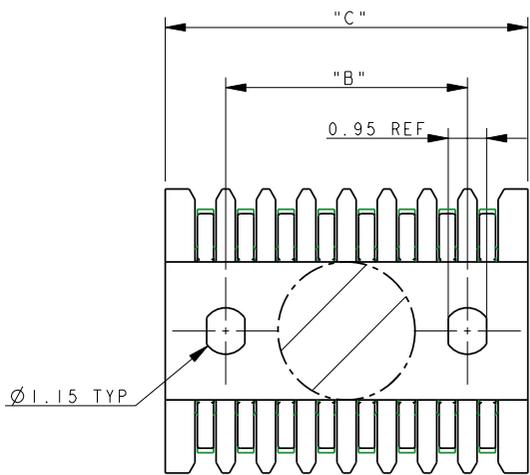
Size
CV

Description
STD 2.50mm SOLO STACKER W/BOSSES

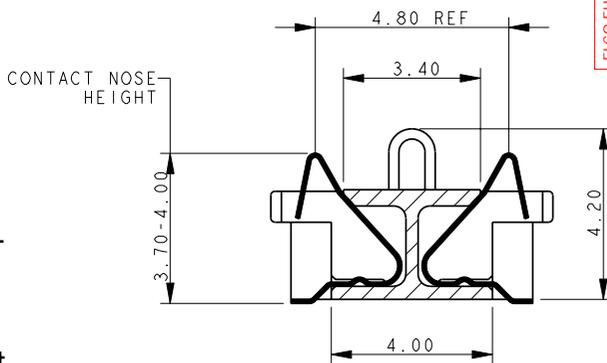
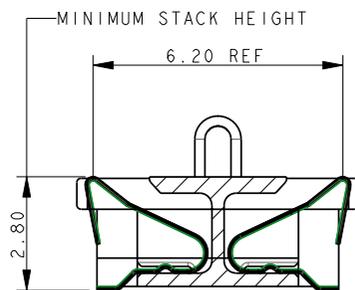
Part Number
00-9158-01S

DATE
29-Sep-04

Issue
7

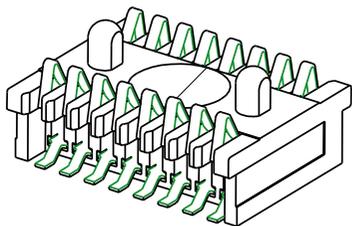


MATING CONDITION

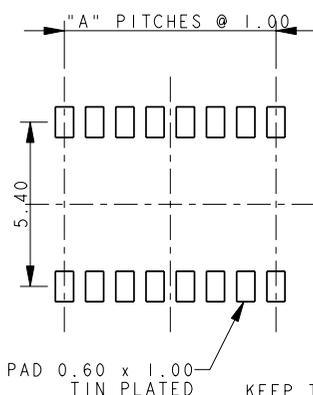


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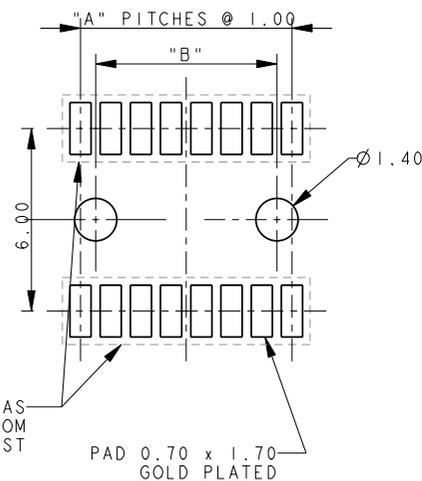
No. OF POSITIONS	PART NUMBER	A	B	C	TAPE WIDTH	REEL QTY	PACK QTY
16	00-9158-016-030-061	7	6.00	9.00	16	1100	7700
20	00-9158-020-030-061	9	8.00	11.00	24	1100	5500
24	00-9158-024-030-061	11	10.00	13.00	24	1100	5500
28	00-9158-028-030-061	13	12.00	15.00	24	1100	5500



SMT PCB FOOTPRINT



MATING PCB FOOTPRINT



**SOLO
STACKER**

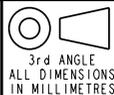
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- STACKER DESIGN TO ACCOMMODATE A PCB STACKING HEIGHT OF 2.80mm TO 3.30mm.
- NO ALLOWANCE HAS BEEN MADE FOR SOLDER PASTE THICKNESS IN PCB STACKING HEIGHT.
- GENERAL TOLERANCE ± 0.20 UNLESS OTHERWISE STATED.

SHEET 7 OF 7

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Release No.
History
100290
101245
101277
101561
102046
102070
102211
102238



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Drawn
GKJ
Size
CV

Description
STD 3.00mm SOLO STACKER W/BOSSSES

Part Number
00-9158-01S

DATE
29-Sep-04
Issue
7