

SPECIFICATIONS

Electrical

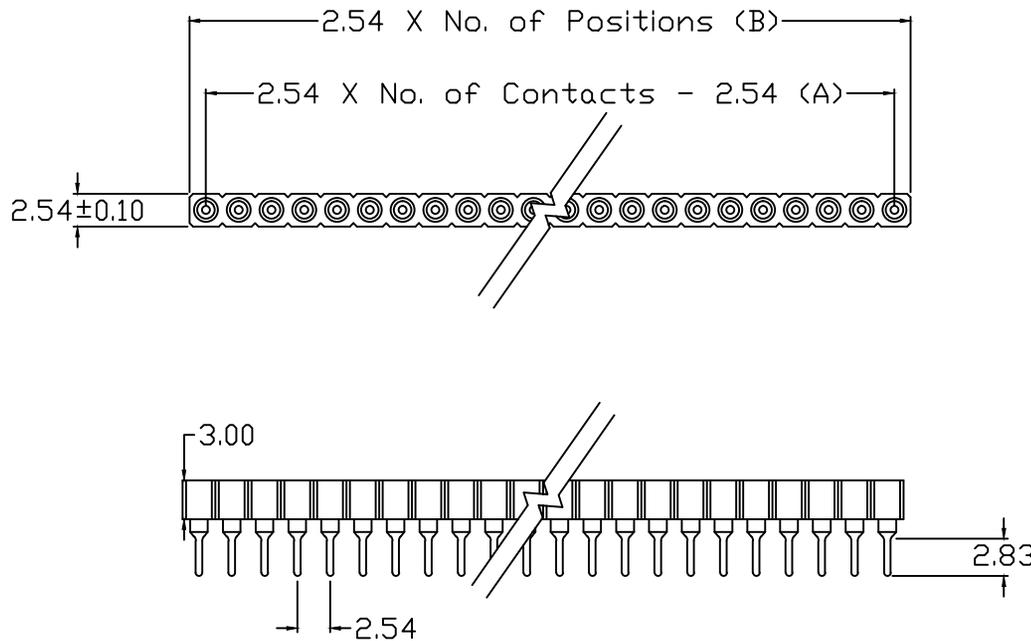
Current Rating: 3 Amps
 Insulator Resistance: $>10^9$ M at U=100V
 Contact Resistance: 4m/Contact
 Operating Voltage: 60V

Material

Contact Material: Clip: Beryllium Copper
 Outer Sleeve: CuZn38Pbz
 Insulator Material: Glass Filled Polyester
 Valox UL 94V-0 (Black)
 Plating Material (Pin): Tin Plated: 2um/80u" Nickel
 5um/200u" Tin-Lead
 Gold Plated: 2um/80u" Njckel
 0.25um/10u" Full Gold
 Plating Material (Clip): 2um/80u" Nickel
 (Contact) Gold and Tin Plating

MSS X XX P T G D 3 -FG
 1 2 3 4 5 6 7 8 9 10

- | | |
|--|---|
| 1. Series No.
MSS | 7. Row Spacing:
G=2.54 mm |
| 2. Type:
S=Single Row
D=Dual-Sided | 8. Type:
D=Machined Type |
| 3. Environmental:
E=RoHS Compliant | 9. Insulator Color:
3=Black |
| 4. Number of Contacts
01-40 | 10. Environmental
FG=High Temp
RoHS Compliant |
| 5. Contact Type:
P=Non Distribution | |
| 6. Contact Plating
See Spec. Above | |



PIN	A(MMM)	B(MMM)	PIN	A(MMM)	B(MMM)
1		2.54	21	50.80	53.34
2	2.54	5.08	22	53.34	55.88
3	5.08	7.62	23	55.88	58.42
4	7.62	10.16	24	58.42	60.96
5	10.16	12.70	25	60.96	63.50
6	12.70	15.24	26	63.50	66.04
7	15.24	17.78	27	66.04	68.58
8	17.78	20.32	28	68.58	71.12
9	20.32	22.86	29	71.12	73.66
10	22.86	25.40	30	73.66	76.20
11	25.40	27.94	31	76.20	78.74
12	27.94	30.48	32	78.74	81.28
13	30.48	33.02	33	81.28	83.82
14	33.02	35.56	34	83.82	86.36
15	35.56	38.10	35	86.36	88.90
16	38.10	40.64	36	88.90	91.44
17	40.64	43.18	37	91.44	93.98
18	43.18	45.72	38	93.98	96.52
19	45.72	48.26	39	96.52	99.06
20	48.26	50.80	40	99.06	101.6

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GENERAL TOLERANCE UNLESS OTHERWISE SPECIFIED		AP APTOS TECHNOLOGY	
XXX. ± X	.XX ± 0.2		
XX. ± X	.XXX ± X		
X. ± 0.5	X' ± 5'		
.X ± 0.3	.X' ± 5'		
REV. A	DRAWN	11/23/10	MSS Series
DATE 11/23/10	CHECKED		2.54 mm Single Row Mach. Socket
SCALE 1:1	APPROVED		PRODUCT NO. MSSXXXPTGD3-FG
UNIT mm		SIZE A4	FILE NAME: MSS LF APD.DWG

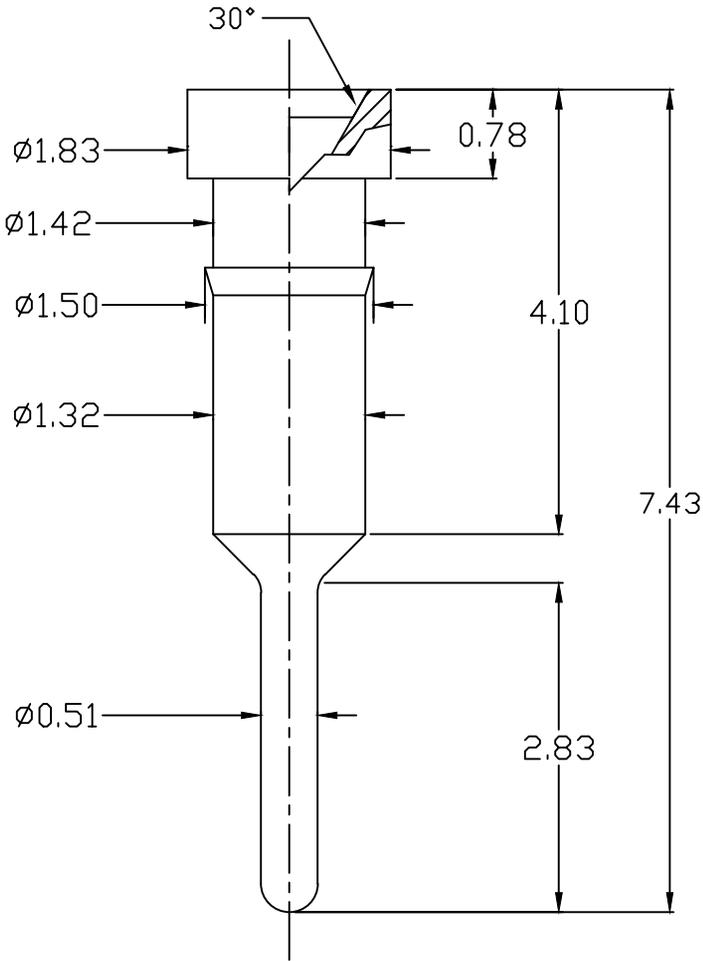
SPECIFICATIONS

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Current Rating: 3 Amps
 Insulator Resistance: $>10^6 M$ at $U=100V$
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Mechanical

Average Insertion Force: $< 3N$
 W/Steel Pin Dia. 0.41mm:
 Average Withdrawal Force: $> 0.4N$
 W/Steel Pin Dia. 0.41mm:
 Mechanical Life Cycle: Min. 200
 Operating Temperature: Gold Plated:
 (Continuous) $-55^{\circ}C$ to $+125^{\circ}C$
 $-67^{\circ}F$ to $+257^{\circ}F$
 Tin Plated:
 $-40^{\circ}C$ to $+105^{\circ}C$
 $-40^{\circ}F$ to $+221^{\circ}F$
 Soldering Temperature: $+260^{\circ}C$ for 10sec Max.
 $+500^{\circ}F$ for 10sec Max.



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GENERAL TOLERANCE UNLESS OTHERWISE SPECIFIED	
XXX. ± X	.XX ± 0.2
XX. ± X	.XXX ± X
X. ± 0.5	X.* ± 5*
.X ± 0.3	.X* ± 5*



REV. A	DRAWN	11/23/10	MSS Series
DATE 11/23/10	CHECKED		2.54 mm Machine Socket Pin
SCALE 1:1	APPROVED		PRODUCT NO. MSSXXXPTGD3-FG
UNIT mm		SIZE A4	FILE NAME MSS PIN LF APD.DWG