



PART SPECIFICATION SHEET

REV. **11**

Originator: **JOHN LAGE** Date: **9-18-90**

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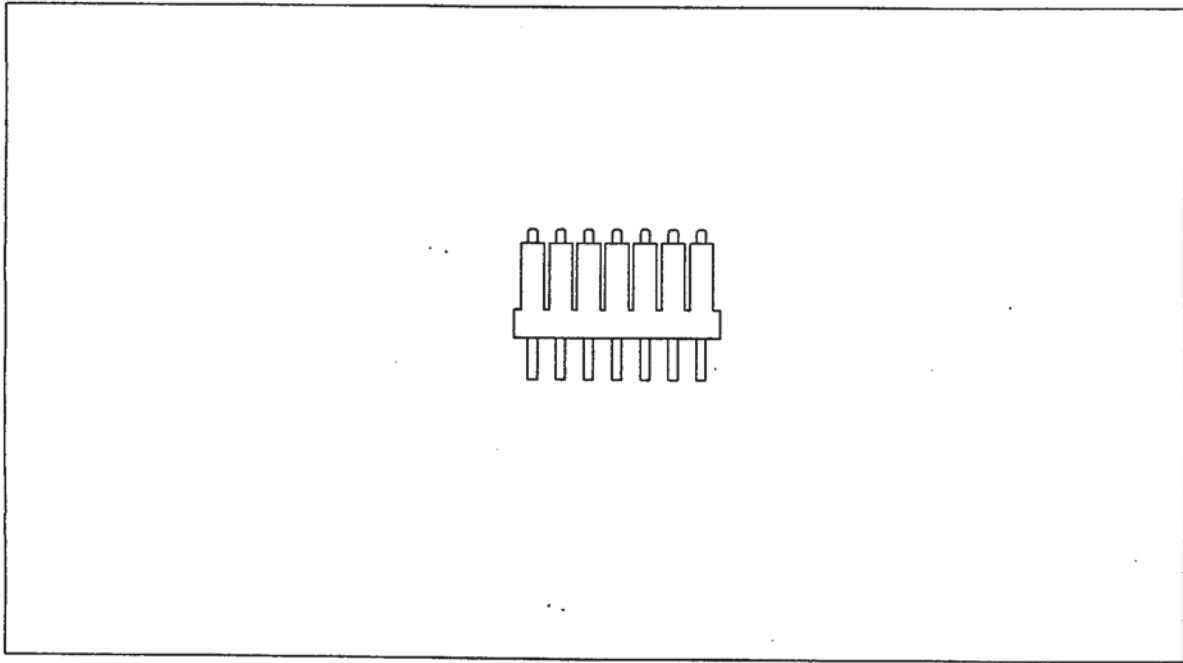
Description: **CONNECTOR 6 Pos. RIGHT**
ANGLE .0156" CENTER

VIVID PART NO.

CONN RA MOUNT

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Specification:



ORIGINAL

SUGGESTED MANUFACTURERS

Mfr. Part No.	Manufacturer Name/Address
MLRS-156-6	PANDUIT
MLAS-156-6	PANDUIT ✓

REVISIONS

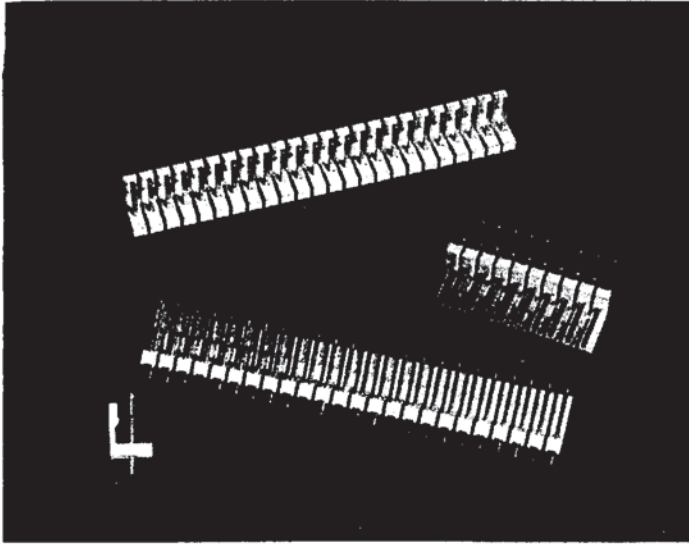
APPROVALS

LTR	ECD NO.	APPD/ DATE	LTR	ECD NO.	APPD/ DATE	Dept.	Signature	Date
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						Drafting		
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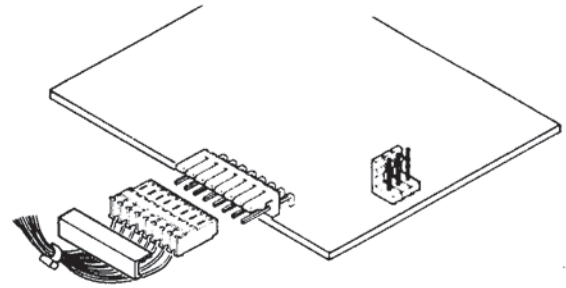
Copies: Engineering, Production, Field Service, Purchasing, Originator

MAS-CON® IDC Connectors A31

.156" Molded Wafer Locking Headers



PANDUIT'S .156" centerline locking header has a locking backwall that friction latches its mating connector to prevent an open circuit in high vibration applications. In addition to the locking feature, the locking backwall also polarizes the header to prevent mismatching of the connector and header. For added versatility, the wafers are breakable to length and end-to-end stackable to accommodate varied printed circuit board design packaging requirements. Locking headers are available in circuit sizes 2 through 24 and can be ordered with straight or right angle pins. Standard plating is 200 μ " tin over nickel with the option of 30 μ " or 15 μ " gold over nickel.



Performance Data

MATERIALS

Wafer: Polyester, U.L. 94 V-0 Rated
Pin: Copper Alloy
Plating: 200 μ " Tin Over Nickel
 30 μ " Gold Over Nickel (optional)
 15 μ " Gold Over Nickel (optional)

ELECTRICAL

Current Rating: 8.0 Amps Max. per pin
Dielectric Withstanding Voltage: 3.0 KVAC Min.*
Insulation Resistance: 5,000 Megohms Min.*

TEMPERATURE

Range: -67°F to 221°F (-55°C to 105°C)

AGENCY APPROVALS

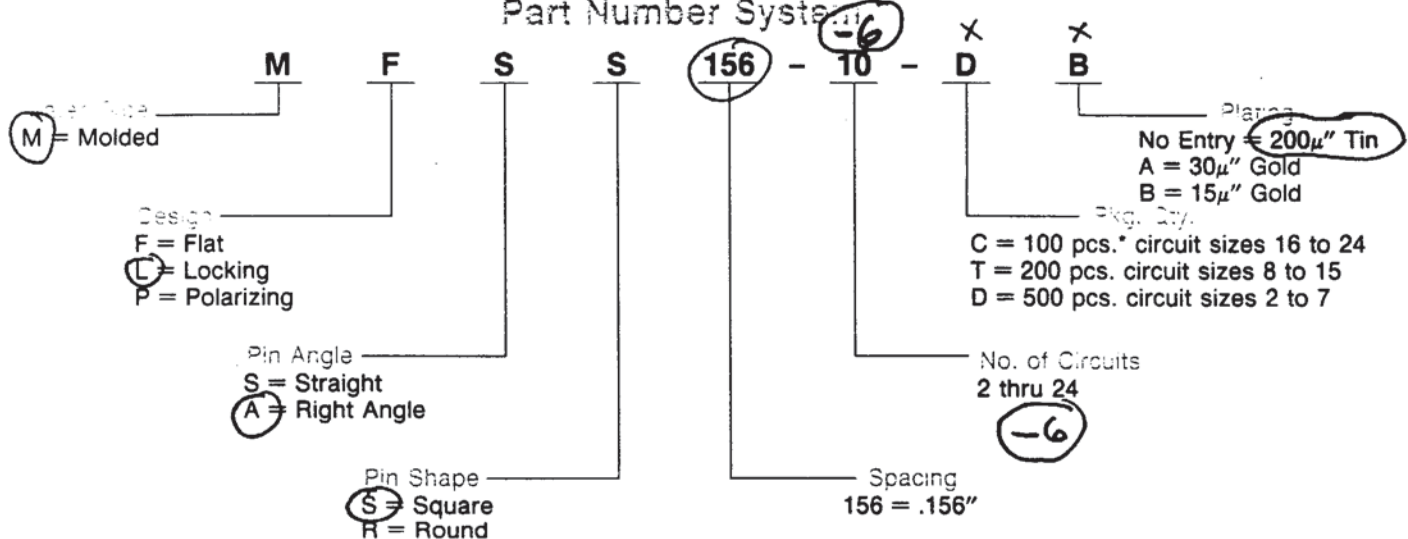
U.L. Recognized — File No. E73711
 C.S.A. Certified — File No. 46657

* Between adjacent pins.

0300-10026-06

ORIGINAL
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Part Number System

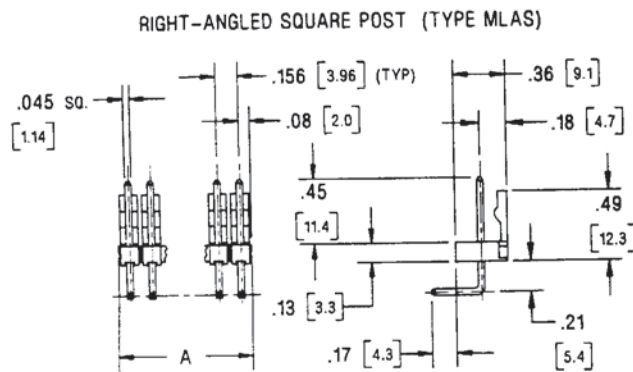
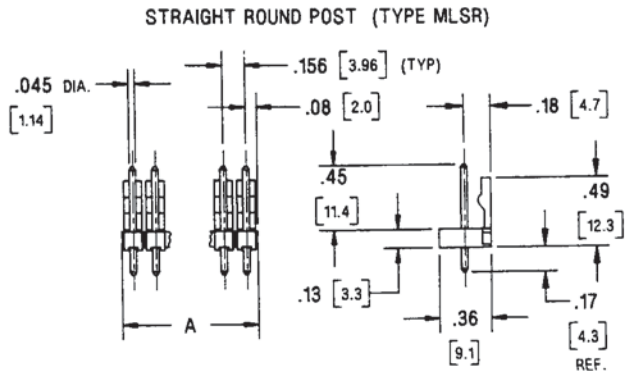
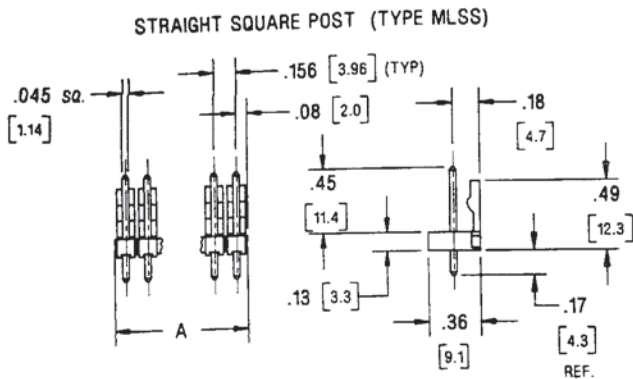


* For smaller package quantities please contact distributor or factory.

A32 MAS-CON® IDC Connectors

.156" Q Molded Wafer Locking Headers 200μ" (5.08μm) Tin Plating

Dimension Drawing



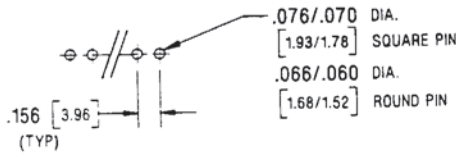
MATES TO CONNECTOR TYPE:
CE156F and CT156F



Dimensions

No. of Ckts.	A	No. of Ckts.	A
2	.312 (7.92)	14	2.184 (55.47)
3	.468 (11.89)	15	2.340 (59.44)
4	.624 (15.85)	16	2.496 (63.40)
5	.780 (19.81)	17	2.652 (67.36)
6	.936 (23.77)	18	2.808 (71.32)
7	1.092 (27.74)	19	2.964 (75.29)
8	1.248 (31.70)	20	3.120 (79.25)
9	1.404 (35.66)	21	3.276 (83.21)
10	1.560 (39.62)	22	3.432 (87.17)
11	1.716 (43.59)	23	3.588 (91.14)
12	1.872 (47.55)	24	3.744 (95.10)
13	2.028 (51.51)		

PRINTED CIRCUIT LAYOUT



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ORIGINAL
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All dimensions shown in inches and (millimeters)

No. of Ckts.	Header Type			No. of Ckts.	Header Type		
	Straight Post Square Pin	Straight Post Round Pin	Right Angle Post Square Pin		Straight Post Square Pin	Straight Post Round Pin	Right Angle Post Square Pin
2	MLSS156- 2-□	MLSR156- 2-□	MLAS156- 2-□	14	MLSS156-14-□	MLSR156-14-□	MLAS156-14-□
3	MLSS156- 3-□	MLSR156- 3-□	MLAS156- 3-□	15	MLSS156-15-□	MLSR156-15-□	MLAS156-15-□
4	MLSS156- 4-□	MLSR156- 4-□	MLAS156- 4-□	16	MLSS156-16-□	MLSR156-16-□	MLAS156-16-□
5	MLSS156- 5-□	MLSR156- 5-□	MLAS156- 5-□	17	MLSS156-17-□	MLSR156-17-□	MLAS156-17-□
6	MLSS156- 6-□	MLSR156- 6-□	MLAS156- 6-□	18	MLSS156-18-□	MLSR156-18-□	MLAS156-18-□
7	MLSS156- 7-□	MLSR156- 7-□	MLAS156- 7-□	19	MLSS156-19-□	MLSR156-19-□	MLAS156-19-□
8	MLSS156- 8-□	MLSR156- 8-□	MLAS156- 8-□	20	MLSS156-20-□	MLSR156-20-□	MLAS156-20-□
9	MLSS156- 9-□	MLSR156- 9-□	MLAS156- 9-□	21	MLSS156-21-□	MLSR156-21-□	MLAS156-21-□
10	MLSS156-10-□	MLSR156-10-□	MLAS156-10-□	22	MLSS156-22-□	MLSR156-22-□	MLAS156-22-□
11	MLSS156-11-□	MLSR156-11-□	MLAS156-11-□	23	MLSS156-23-□	MLSR156-23-□	MLAS156-23-□
12	MLSS156-12-□	MLSR156-12-□	MLAS156-12-□	24	MLSS156-24-□	MLSR156-24-□	MLAS156-24-□
13	MLSS156-13-□	MLSR156-13-□	MLAS156-13-□				

NOTE: □ Denotes packaging quantity offered. Please refer to "Part Number System" on Page A31.