



JACKPOSTS OMITTED
FOR CLARITY

SEE SHEET 2 FOR NOTES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C SCHOLL CHK — APVD M STORRY PRODUCT SPEC APPLICATION SPEC — WEIGHT — CUSTOMER DRAWING		2 JUL 12 — 2 JUL 12		<div>TE Connectivity</div>							
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		PLUG ASSEMBLY, MCKS, ST1 STRAIGHT TERMINATION, PCB MOUNT, 2 ROW, SIZE 9, PER MIL-DTL-83513/22							
		0 PLC ± — 1 PLC ± — 2 PLC ± .010 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		—		SIZE A2		CAGE CODE 98278		DRAWING NO C=1532266		RESTRICTED TO —	
MATERIAL SEE NOTES		FINISH SEE NOTES		—		—		—		—		—	
				CUSTOMER DRAWING		SCALE 4:1		SHEET 1 of 2		REV A			

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD



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
SEE SHEET 1

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TE PART NUMBER	MIL-DTL-83513 PIN	MCKS DESCRIPTION	SHELL FINISH 	HARDWARE 	L DIM±.015
1532266-1	M83513/22-A01CN	MCKS-C2-B-9PST1	CADMIUM	NONE	.109
1532266-2	M83513/22-A01CP	MCKS-C2-P-9PST1	CADMIUM	JACKPOSTS	.109
1532266-3	M83513/22-A01NN	MCKS-N1-B-9PST1	NICKEL	NONE	.109
1532266-4	M83513/22-A01NP	MCKS-N1-P-9PST1	NICKEL	JACKPOSTS	.109
1532266-5	M83513/22-A02CN	MCKS-C2-B-9PST1A	CADMIUM	NONE	.140
1532266-6	M83513/22-A02CP	MCKS-C2-P-9PST1A	CADMIUM	JACKPOSTS	.140
1532266-7	M83513/22-A02NN	MCKS-N1-B-9PST1A	NICKEL	NONE	.140
1532266-8	M83513/22-A02NP	MCKS-N1-P-9PST1A	NICKEL	JACKPOSTS	.140
1532266-9	M83513/22-A03CN	MCKS-C2-B-9PST1B	CADMIUM	NONE	.172
1-1532266-0	M83513/22-A03CP	MCKS-C2-P-9PST1B	CADMIUM	JACKPOSTS	.172
1-1532266-1	M83513/22-A03NN	MCKS-N1-B-9PST1B	NICKEL	NONE	.172
1-1532266-2	M83513/22-A03NP	MCKS-N1-P-9PST1B	NICKEL	JACKPOSTS	.172




1

SHELL MATERIAL: 6061-T6 ALUMINUM
FINISH OPTIONS:
ELECTROLESS NICKEL PLATED PER SAE-AMS-C-26074 OR SAE AMS 2404 OR CADMIUM PLATED PER SAE-AMS-QQ-P-416 WITH YELLOW CHROMATE
INSULATOR: LIQUID CRYSTAL POLYMER (LCP)
HARDWARE: 300 SERIES STAINLESS STEEL
TB BOX: POLYPHENYLENE SULFIDE (PPS) AND EPOXY POTTING




2

TERMINATION: 24AWG GOLD PLATED COPPER WIRE, Sn63Pb37 SOLDER DIPPED UP TO MOUNTING SURFACE AT A MINIMUM




3

JACKPOST HARDWARE SHALL BE PERMANENTLY INSTALLED AS SHOWN WHEN REQUIRED BY THE MIL PIN. JACKPOST DIMENSIONS AND REQUIREMENTS ARE DEFINED IN MIL-DTL-83513/5.




4

CONNECTOR SHALL BE MARKED IN ACCORDANCE WITH METHOD I OF MIL-STD-1285. MARKING SHALL CONTAIN THE MILITARY PIN, CAGE CODE (OR TE), AND DATE CODE. EXAMPLE: M83513/22-A0XXX TE YYWW (WHERE XXX IS PART OF THE PIN SHOWN IN THE "MIL-DTL-83513 PIN" COLUMN OF THE PART NUMBER TABLE, AND YYWW IS THE DATE CODE). FOR THE SIZE 9 PLUG, THE MARKING MUST BE PRINTED ON BOTH SIDES OF THE FLANGE. TEXT HEIGHT SHALL BE .035 INCH MINIMUM.



5

POSITION 1 SHALL BE INDICATED BY AN IDENTIFIABLE MARK, LOCATED APPROXIMATELY AS SHOWN ON THE POSITION 1 SIDE OF THE CONNECTOR FLANGE. THIS MARK SHALL BE INCLUDED AS PART OF THE PART MARKING INFORMATION.



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
TERMINAL IDENTIFICATION NUMBERS AS SHOWN DO NOT ACTUALLY APPEAR ON THE PART (FOR IDENTIFICATION ONLY)

7

ALL REQUIREMENTS CONFORM TO MIL-DTL-83513/22. SEE MIL-SPEC FOR DETAILED INTERFACE DIMENSIONS AND SUGGESTED PCB LAYOUTS

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES



MATERIAL
SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± .010

3 PLC ± .005

4 PLC ± -

ANGLES ± 1°

FINISH

SEE NOTES

DWN
C SCHOLL
CHK
-
APVD
M STORRY
PRODUCT SPEC
APPLICATION SPEC
-
WEIGHT
-


2 JUL 12
2 JUL 12

CUSTOMER DRAWING

SCALE 4:1

SHEET 2 of 2

REV A

TE Connectivity

NAME

PLUG ASSEMBLY, MCKS, ST1 STRAIGHT
TERMINATION, PCB MOUNT, 2 ROW,
SIZE 9, PER MIL-DTL-83513/22

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

98278

C=1532266

-

1532266

B

A

1471-9 (3/11)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[M83513/22-A01CP](#)