

1	2	3	4	5	6	7	8	9	10	11	12	
CABLE 1 (OR 2) UNINSTALLED	WIRE SIZE AWG	WIRE SPEC AWG	WIRE SIZE METRIC	WIRE SPEC METRIC	CONDUCTOR CRIMP HEIGHT (SHEET C-2) (1.75-0.50)	CONDUCTOR CRIMP HEIGHT METRIC (SHEET C-2) (1.75-0.50)	CONDUCTOR CRIMP HEIGHT METRIC (SHEET C-3) (1.75-0.50)	INSULATION CRIMP HEIGHT METRIC (SHEET D-3) (1.75-0.50)	INSULATION CRIMP HEIGHT METRIC (SHEET D-3) (1.75-0.50)	INSULATION CRIMP HEIGHT METRIC (SHEET D-3) (1.75-0.50)	INSULATION CRIMP OPTION	INSUL FORM TIE DEPTH
US	22		0.355		1.40	1.30	2.05	1.95	1.95	2.20		2
	CS	18	0.751/0.09		1.50	1.30/1.35		4.20*	4.15/4.20*			2
	CS	20	0.50		1.30	1.25	2.45	4.65*	4.65			2
	CS	18	0.751/0.09		1.50	1.30/1.35		2.35	2.35/1.45	4.10*		2
	CS	20	0.50		1.30	1.25		2.20	2.20	2.80	OPTION 2	2
	CS	14	2.001/2.50		1.95	1.75/1.80		5.00*	4.80/5.00*			2
	CS	16	1.50		1.95	1.75/1.80	3.95	4.50/3.5*	4.50*	5.20*		2
	CS	14	2.001/2.50		1.95	1.75/1.80		3.20	3.10/3.25	3.40		2
	CS	16	1.50		1.95	1.80		3.10	3.00*			2
	CS	21/18/20	2.1 (0.315)		1.90-1.60	1.90-1.60*	3.25	3.7-2.3*	3.7-2.3*	4.30*	OPTION 1	1
	CS	N/A	N/A		N/A	N/A	3.45	N/A	5.00	5.20		2
	CS	N/A	2.5		N/A	N/A	N/A	N/A	N/A	N/A		2
	CS	10	5.001/6.00		2.45	2.40/2.50*		5.70*	5.75/5.9*	5.80*	OPTION 2	2
	CS	12	4.00		2.20	2.25	3.95	5.30*	5.30*			2
	CS	12	5.001/6.00		2.45	2.40/2.50*		6.10	6.20			1
	US	12	4.00		2.20	2.20		DE 10 MINIMUM	4.20	4.35	OPTION 1	1

* NOT VERIFIED TO USP-21

STANDARD "B" FORM TOOLING DESIGN
CONDUCTOR CRIMP

M

STAND

			R	O	P	O
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MATERIAL TYPE PLATING OPT.	TYPE 2 OPTION # 7
PLATING	POST SILVER (IN LINE)
ZONE "A"	ELECTRO DEPOSITED PURE SILVER, HICKLE NICKELPLATE NOT REC. W6058C47(0.0020, 0.03MM)
ZONE "B"	ELECTRO MATT TIN PLATE W60568Z2(0.0015/0.0025MM)
ZONE "C"	
ZONE "D"	ELECTRO MATT TIN PLATE 0.0003MM MINIMUM

MP WIDTH (CW)

CRIMP WIDTH (CW)

WORKING SURFACES MUST BE POLISHED ALL AROUND

(RS. 13)

F (RAD) 2X

2.40/0.30 x 45° CHAMFER (ROUND BOTH SIDES)

SEE DETAIL Y1

RS. 112X

4.3

N

3.0° 2X

J (RAD)

K

3.0° 2X

G

ANVIL

PUNCH

CRIMP HEIGHT (CH)

INSULATION ON CRIMP (OPTION 2)

SECTION C-C

SCALE 8:1

	N	M
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OF
N

0.30
FLAT 2x

DETAIL Y1

0.30
FLAT 2x

DETAIL Y2

TANGENT
POINT SHOULD MATCH
AND BOTTOM.

E FREE
AND SHARP

SHARP AND LOCATION VARY
FOR CABLE SIZE ONLY

DATE CODE THIS SIDE

GRIP CODE FAR SIDE

MATERIALS:
MATERIAL TYPE 1: COPPER ALLOY
PREPARED TO SEE PLATING CHART
FOR INFORMATION
MATERIAL TYPE 2: COPPER ALLOY
BARE MATERIAL. POST PLATED, SEE
CHART FOR INFORMATION.

L	
I	

01	-	M6565J00	5	-	-	-	-
01	AB	M6565J00	5	-	-	-	-
01	AB	M6565J00	5	-	-	-	-
03	AH	M6565J00	5	-	-	-	-
01	AA	10762774	-	-	-	-	-
01	AB	10762774	-	-	-	-	-
01	AE	15519823	3	15519823	01	AD	M6564J00
01	AE	33511843	7	33511843	01	AC	M6564J00
01	AB	M6565J00	5	-	-	-	-

Technical drawing of a strip metal part, likely a component for a printer or copier. The drawing shows a side view of the part with various dimensions and callouts. The part has a complex shape with a central section that is wider than the ends. The dimensions are as follows:

- Overall length: 19
- Overall width: 10
- Width of the central section: 10
- Width of the end sections: 10
- Width of the central section (inner): 10
- Width of the end sections (inner): 10
- Width of the central section (outer): 10
- Width of the end sections (outer): 10
- Width of the central section (inner): 10
- Width of the end sections (inner): 10
- Width of the central section (outer): 10
- Width of the end sections (outer): 10

Callouts and notes:

- 1: Vendor I.D. & Die No.
- 2: Material Type: 3. COPPER ALLOY
- 3: PRE PLATED, SEE PLATING CHART FOR INFORMATION
- 4: TIN AND NICKEL OVERLAP IS NECESSARY TO PREVENT EXPOSURE OF BASE METAL PARTS TO BE SHIPPED TO THE PLATER ON REELS IN STRIP FORM.
- 5: (2.50)
- 6: (3.00)
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H
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01	AD	33511844	7	33511844	01	AB	M6564_J00
01	AD	M6565_J00	5	-	-	-	-
01	AD	15509074	-	-	-	-	-
01	AD	33511841	7	33511841	01	AC	M6564_J00
01	AD	33511842	4	33511842	01	AB	M6564_J00
01	AD	15519825	3	15519825	01	AB	M6564_J00
01	AD	13681974	-	-	-	-	-
03	AG	M6565_J00	5	-	-	-	-
01	AB	10757692	-	-	-	-	-
01	AB	10757692	-	-	-	-	-
03	AB	M6565_J00	5	-	-	-	-
01	AB	10757693	-	-	-	-	-
01	AD	33511840	7	33511840	01	AC	M6564_J00
01	AD	15520221	4	15520221	01	AB	M6564_J00

	E	
	D	

02	AC	15519829	2	15519829	01	AB	M6564J00
01	AC	15425613	-	-	-	-	-
01	AC	15425613	-	-	-	-	-
01	AC	15519827	3	15519827	01	AB	M6564J00
01	AC	15435215	-	-	-	-	-
01	AC	15435215	-	-	-	-	-
01	AC	15519824	1	15519824	01	AB	M6564J00
01	AC	13805590	-	-	-	-	-
01	AC	13805590	-	-	-	-	-
03	AB	M6565J00	5	-	-	-	-
01	AB	10762775	-	-	-	-	-
01	AB	10762775	-	-	-	-	-
01	AD	15520917	4	15520917	01	AC	M6564J00
01	AC	33511839	3	33511839	01	AA	M6564J00

[illegible]

A vertical bar with three segments labeled A, B, and C from bottom to top.

01	AC	33501642	-	-	-	-	-
01	AD	15520918	2	15520918	01	AB	M6564J00
03	AD	M6565J00	5	-	-	-	-
01	AB	10762776	-	-	-	-	-
01	AD	10762776	-	-	-	-	-
REV	N/P	MAT'L SPEC	PLATING PROCESS OPTION	PART NUMBER	REV	N/P	MAT'L SPEC
PLATED				UNPLATED			
APTI V							

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND
AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION
(SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL
OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL
BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

19199						
NAME	NO	SHEET	NO	STD	REV	N/P
OF 2	1	OF 1	R	13	-	

100

					TOLERANCE UNLESS OTHERWISE SPECIFIED:
					DECIMAL: ANGLAR:SEE
					TWO PLACE: SEE DRAWING
					THREE PLACE: SEE DRAWING

Mouser Electronics

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