

DRAWING NO.
SD079848

7

6

5

4

3

2

1

CATALOG NUMBER

11

STRANDED COPPER CONDUCTOR ACCOMMODATED

CODE (AWG)

NAVY

METRIC SIZE (CLASS 2)

BOLT SIZE

METRIC BOLT SIZE

DIMENSIONS

B

C

K DIA.

L

N

O.D.

T REF.

Z MIN.

YA29L2

YA29L7

YA29L4

YA29L

YA29LTC78

YA30L1

YA30L24

YA30L

YA30L7

YA30L27

YA30L28

250 kcmil

250

120mm² STR [14.5]

1/4

M6

1.06 [27]

1.11 [28]

.27 [7]

2.17 [55]

.25 [6]

.75 [19]

.16 [4]

.33 [8]

5/16

.33 [8]

2.30 [58]

.34 [9]

.40 [10]

2.42 [61]

.41 [10]

.53 [13]

2.67 [68]

.53 [13]

.94 [24]

3.36 [85]

.88 [22]

.75 [19]

.14 [4]

.89 [23]

7/8

1.06 [27]

1.11 [28]

.33 [8]

2.31 [59]

.34 [9]

.81 [21]

.16 [4]

.36 [9]

3/8

.40 [10]

2.44 [62]

.41 [10]

.53 [13]

2.69 [68]

.53 [13]

.69 [18]

2.94 [75]

.66 [17]

1.20 [30]

3.37 [86]

.88 [22]

.81 [20]

3.12 [80]

.75 [19]

.81 [21]

.16 [4]

.77 [19]

1/2

M12

1.03 [26]

1.20 [30]

.40 [10]

2.44 [62]

.41 [10]

.53 [13]

2.69 [68]

.53 [13]

.69 [18]

2.94 [75]

.66 [17]

1.20 [30]

3.37 [86]

.88 [22]

.81 [20]

3.12 [80]

.75 [19]

.81 [21]

.16 [4]

.77 [19]

5/8

M16

1.03 [26]

1.20 [30]

.40 [10]

2.44 [62]

.41 [10]

.53 [13]

2.69 [68]

.53 [13]

.69 [18]

2.94 [75]

.66 [17]

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3.37 [86]

.88 [22]

.81 [20]

3.12 [80]

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.81 [21]

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3/4

1.03 [26]

1.20 [30]

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2.44 [62]

.41 [10]

.53 [13]

2.69 [68]

.53 [13]

.69 [18]

2.94 [75]

.66 [17]

1.20 [30]

3.37 [86]

.88 [22]

.81 [20]

3.12 [80]

.75 [19]

.81 [21]

.16 [4]

.77 [19]

CONNECTOR SIZE

TOLERANCES

B

C

K DIA.

L

N

O.D.

-8C THRU -25

±.06

±.04

±.02

±.09

±.03

±.01

-26 THRU -34

±.08

±.04

±.02

±.12

±.03

±.01

-35 AND UP

±.09

±.06

±.02

±.15

±.06

±.01

TOLERANCE BLOCK

INSTALLATION TOOLING (# CRIMPS)

CATALOG NO.

COLOR CODE

DIE INFORMATION

DIE INDEX

TYPE

MECHANICAL RATCHET

YIMRTC 6

OUR840

MD6 MD7

MD6--R2 MD7-34R

Y500CT PATMD6 PAT600

HYDRAULIC

Y34A Y34B Y34BH

Y35, Y39 Y750, BAT35 PAT750

Y46 PAT46

Y45

Y48B

Y60BHU

DIELESS (# CRIMPS)

WIRE STRIP LENGTH

YA29L2

YA29L7

YA29L4

YA29L

YA29LTC78

YELLOW

16

YELLOW DIE SET

NEST

INDENTOR

X29RT(4)

X29RT(4) W29VT(2)

X29RT(4) W29RT(2) W29VT(2)

X29RT(4) W29RT(2) W29VT(2)

A29R(1)

U29RT(1)

U29RT(1)

U29RT(1)

C29R(1)

L29RT(1)

MECHANICAL MY29-3 (1) MY29-11 (1)

1-1/8"

YA30L1

YA30L24

YA30L

YA30L7

YA30L27

YA30L28

WHITE

17 298

WHITE DIE SET

NEST

INDENTOR

W30VT(2)

W30RT(2) W30VT(2)

W30RT(2) W30VT(2)

W30RT(2) W30VT(2)

A28AR(1)

U30RT(2) U28ART(2)

U30RT(2) U28ART(2)

U30RT(2) U28ART(2)

C30R(2) C28AR(2)

L30RT(1)

HYDRAULIC: Y644 (1) Y81KFT (2) Y4PC834 (2)

1-1/6"

NOTES:

1. MATERIAL: COPPER TUBING.

2. FINISH: TIN PLATED.
"FOR ALTERNATIVE FINISH ADD ONE OF THE FOLLOWING SUFFIXES:
NICKEL = NK, LEAD = LD, BARE = BR"

3 CATALOG # PT6515 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y45 SERIES TOOLS.

4 CATALOG # PUADP-1 ADAPTOR IS REQUIRED TO USE "U" DIES IN Y46 SERIES TOOLS.

5 Y35P3 INDENTOR ADAPTOR REQUIRED FOR Y34PR INDENTOR.

6 PERMANENT DIE IN TOOLING.

7. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.

8 FOR USE BY CUSTOMERS THAT HAVE THIS HYPRESS™. NO NEW Y34A HYPRESS™ TOOLS ARE BEING PROCESSED. Y34A USES A--D NEST DIES ONLY.

9 CONNECTORS ARE UL LISTED; UNDRILLED VERSIONS ARE NOT UL LISTED.

10 CONNECTORS ARE CSA CERTIFIED. UNDRILLED VERSIONS ARE NOT CSA CERTIFIED.

11 FOR UNDRILLED VERSIONS ADD SUFFIX "-U" TO END OF CATALOG NUMBER.
FOR UNDRILLED VERSIONS, USE D MIN. = N MAX. + Z MIN.

12. "X", "W-RT", "W-VT", "U" & "L" DIE SETS ARE COLOR CODED. "A", "B" AND "C" DIES ARE NOT COLOR CODED. NESTS AND INDENTOR TYPE ARE NOT COLOR CODED.

K DIA.

TYPICAL STAMPING

C

N

D MIN.

L

9

10

11

Z MIN.

B

O.D.

T REF.

REFERENCE: SE209240

TO ORDER BURNDY® PRODUCTS CALL

UNITED STATES

1-800-346-4175 (LONDONDERRY, NH)

CANADA:

1-800-361-6975 (QUEBEC)

1-800-387-6487 (ALL OTHER PROVINCES)

FOR PRODUCT INFO: <http://www.burndy.com>

COPPER HYLUG™

ITEM NO: N/A

CAT. NO: YA-L, YA-L-TC-, YAV-TC-

DRAWN BY: J MICHAUD 8/9/94

CHECKER: D FILLION 10/3/94

DSN APPVL: C PALAGI 8/19/94

MFG APPVL: N/A N/A

QA APPVL: C ACKERMAN 9/30/94

MKT APPVL: T NELSON 9/7/94

PROD FAM: CM&R COMPRESSION

PROJECT #: --

DOCUMENT TYPE: Sales

REL LEVEL: Released

SIZE D

DRAWING NO SD079848

SHEET 11 OF 17

REV C