

8

7

6

5

4

3

2

1

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By

LOC

DIST

GP

00

REVISED

PER

ECO-12-021696

DATE

01MAR2013

DWN

CJV

APVD

CWR

0.25 MAX
[.010]

COLOR CODED RED, ON FAR SIDE,
INDICATES 20-24 AWG WIRE RANGE,
LOOSE PIECE ONLY

DETAIL Z

SCALE 8:1

14.10 +0.20
-0.25
[.555 +.008
-.010] TYP

9.40 +0.13
-0.25
[.370 +.005
-.010] TYP

.300 REF

11.43 MIN
[.450] ZONE 1

.140 MIN
[.055] LOCALIZED GOLD
PLATE AREA

2.27
2.67
[.105
.090]

1.73 +0.25
-0.13
[.068 +.010
-.005]

SECTION C-C

SCALE 20:1

INSULATION BARREL

SECTION B-B

SCALE 20:1

WIRE BARREL

ID ACCOMMODATES
1.02±0.04 DIA
[.0400±.0015]
PIN CONTACT

2.16 MAX DIA
[.085]

1

2

3

1

2

3

FOR MINI-APPLICATOR AND STRIPPER CRIMPER.

FOR HAND TOOL USE ONLY.

FOR STANDARD APPLICATOR PART #566171 ONLY.

4. WIRE RANGE OF 20-24 AWG. INSULATION RANGE OF 1.27/1.52 [.050-.060].

5. GOLD PLATING MAY NOT APPEAR ON CARRIER STRIP. NICKEL UNDERPLATE COVERS ENTIRE CONTACT.

6. GOLD PLATING PER MIL-G-45204, NICKEL PLATING PER QQ-N-290, TIN PLATING PER MIL-T-10727, COPPER PLATING PER MIL-C-14550.

7. PLATED WITH 1.27µm [.000050] GOLD ON INSIDE OF LOCALIZED GOLD PLATE AREA, 1.27µm [.000050] GOLD ON ZONE 1, ALL OVER 1.27µm [.000050] NICKEL UNDERPLATE.

8. PLATED WITH 0.76µm [.000030] GOLD ON INSIDE OF LOCALIZED GOLD PLATE AREA, GOLD FLASH ON ZONE 1, ALL OVER 1.27µm [.000050] NICKEL UNDERPLATE.
-OR-
GOLD FLASH OVER PALLADIUM-NICKEL 0.76µm [.000030] TOTAL ON INSIDE OF LOCALIZED GOLD PLATE AREA, GOLD FLASH ON ZONE 1, ALL OVER 1.27µm [.000050] NICKEL UNDERPLATE.

9. GOLD FLASH ON INSIDE OF LOCALIZED GOLD PLATE AREA, GOLD FLASH ON ZONE 1, ALL OVER 0.76µm [.000030] NICKEL UNDERPLATE.

10. PLATED WITH 2.54µm - 5.08µm [.000100 - .000200] TIN.

11. PLATED WITH 0.38µm [.000015] GOLD IN LOCALIZED GOLD PLATE AREA, GOLD FLASH ON REMAINDER, OVER 1.27µm [.000050] NICKEL.

12. PLATED WITH GOLD FLASH IN LOCALIZED GOLD PLATE AREA, 2.54µm [.000100] TIN PLATED WIRE BARRELS, OVER 0.76µm [.000030] NICKEL.

13. PLATED WITH 0.76µm [.000030] GOLD IN LOCALIZED GOLD PLATE AREA, TIN PLATED WIRE BARRELS, OVER 1.27µm [.000050] NICKEL.

14. AMP ITALY PART NUMBER ONLY.

15. PLATED WITH 1.27µm [.000050] GOLD ON INSIDE OF LOCALIZED GOLD PLATE AREA, GOLD FLASH ON ZONE 1, ALL OVER 1.27µm [.000050] NICKEL UNDERPLATE.

16. PLATED WITH GOLD FLASH IN LOCALIZED GOLD PLATE AREA, 0.76µm [.000030] MIN TIN PLATED WIRE BARRELS, OVER 0.76µm [.000030] MIN NICKEL.

OBSOLETE	SPECIAL	13	1	-	7-66504-4
OBSOLETE	SPECIAL	13	1	-	7-66504-3
OBSOLETE	STANDARD	16	1	-	7-66504-2
OBSOLETE	STANDARD	13	3	-	7-66504-1
	SMALL PACK	8	2	SEE DETAIL Z	7-66504-0
	STANDARD	15	1	-	6-66504-8
OBSOLETE	STANDARD	13	2	SEE DETAIL Z	6-66504-0
OBSOLETE	STANDARD	13	1	-	5-66504-9
OBSOLETE	STANDARD	12	2	SEE DETAIL Z	5-66504-7
OBSOLETE	STANDARD	12	1	-	5-66504-6
OBSOLETE	STANDARD	10	1	-	1-66504-4
	STANDARD	8	3	-	1-66504-2
	STANDARD	9	2	SEE DETAIL Z	1-66504-0
	STANDARD	8	2	SEE DETAIL Z	66504-9
	STANDARD	7	2	SEE DETAIL Z	66504-8
	STANDARD	9	1	-	66504-4
	STANDARD	8	1	-	66504-3
	STANDARD	7	1	-	66504-2
PACKAGING TYPE	FINISH	USE	LOOSE PIECE	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS:
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± 0.13 [.005]
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH SEE TABLE

MATERIAL
PHOSPHOR BRONZE
PER QQ-B-750

1

2

3

DWN
C. RICHARD
3-19-90

CHK
W. G. LENKER
3-22-90

APVD
J. ASSINI
3-28-90

NAME

SIZE
A1

CAGE CODE
00779

DRAWING NO
66504

RESTRICTED TO

STE

TE Connectivity

SOCKET CONTACT, SIZE 20 DF,
20-24 AWG, AMPLIMITE

CUSTOMER DRAWING

SCALE 15:1

SHEET 1 OF 1

REV AP

4805 (3/11)