

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
AR2	REVISED AS PER ECN-26-388041		10JUN2026	KSD	SKN

D

C

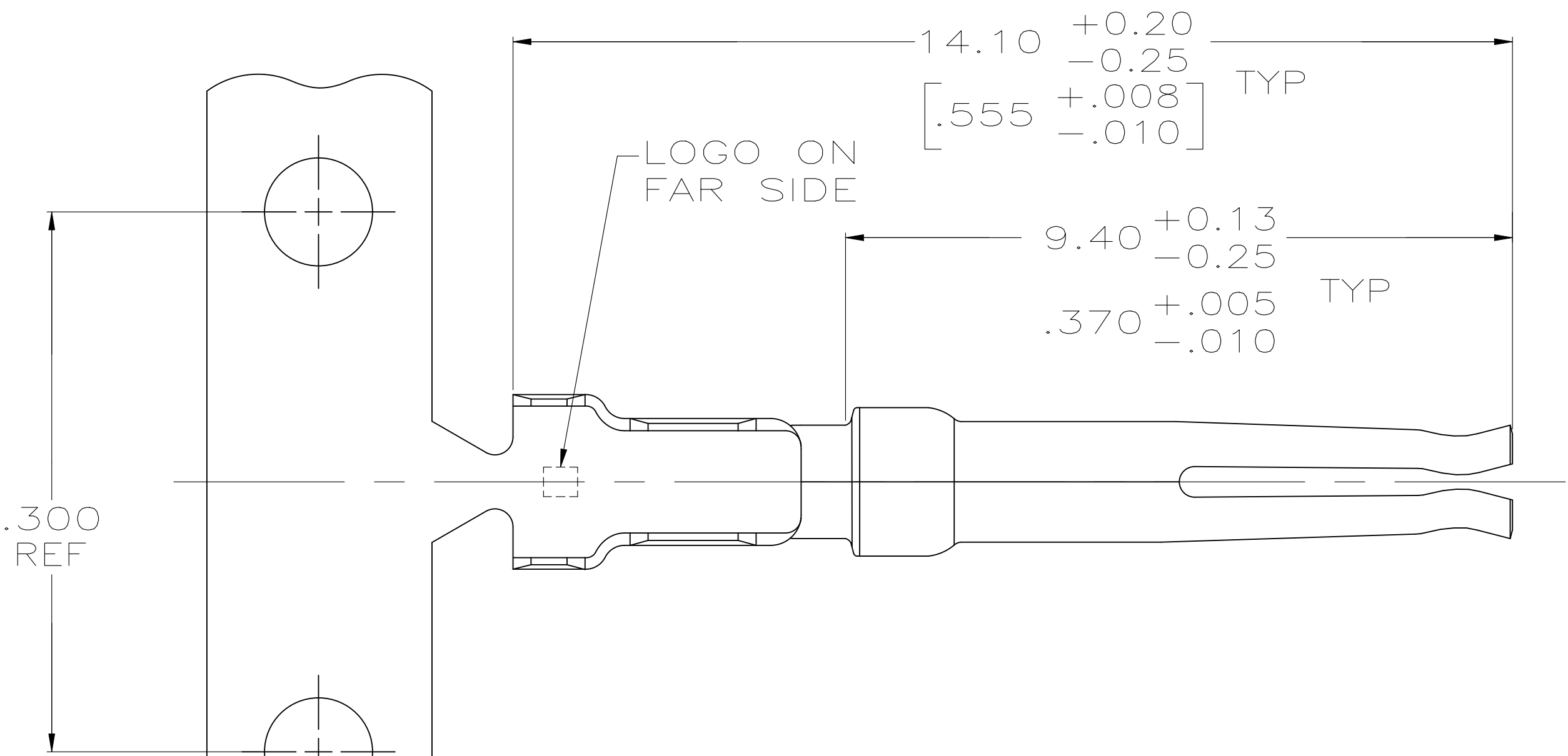
B

A

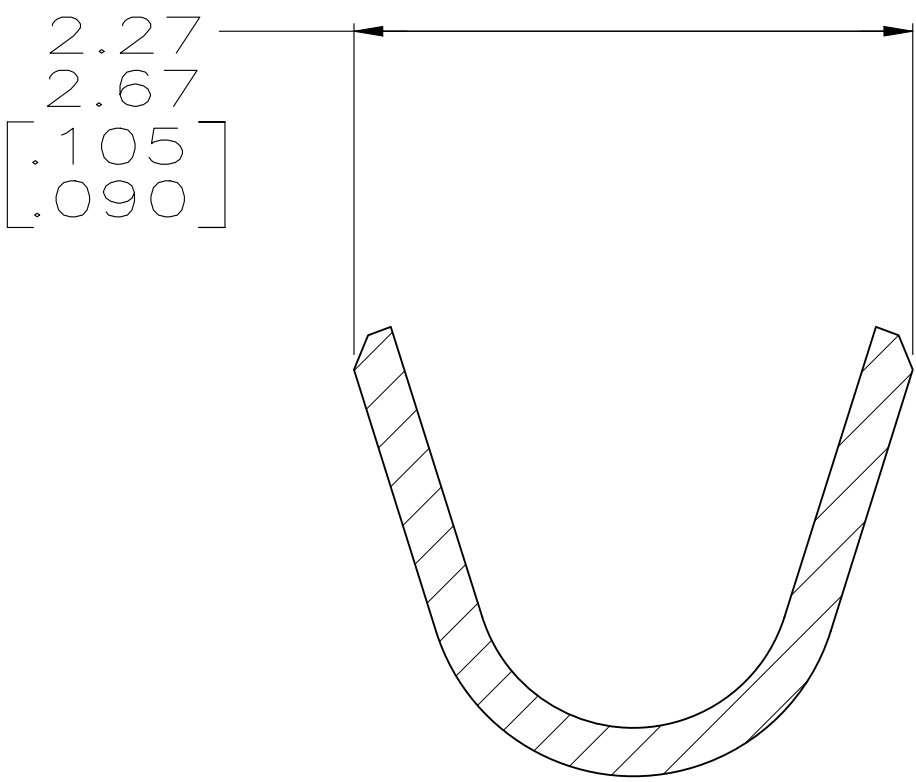
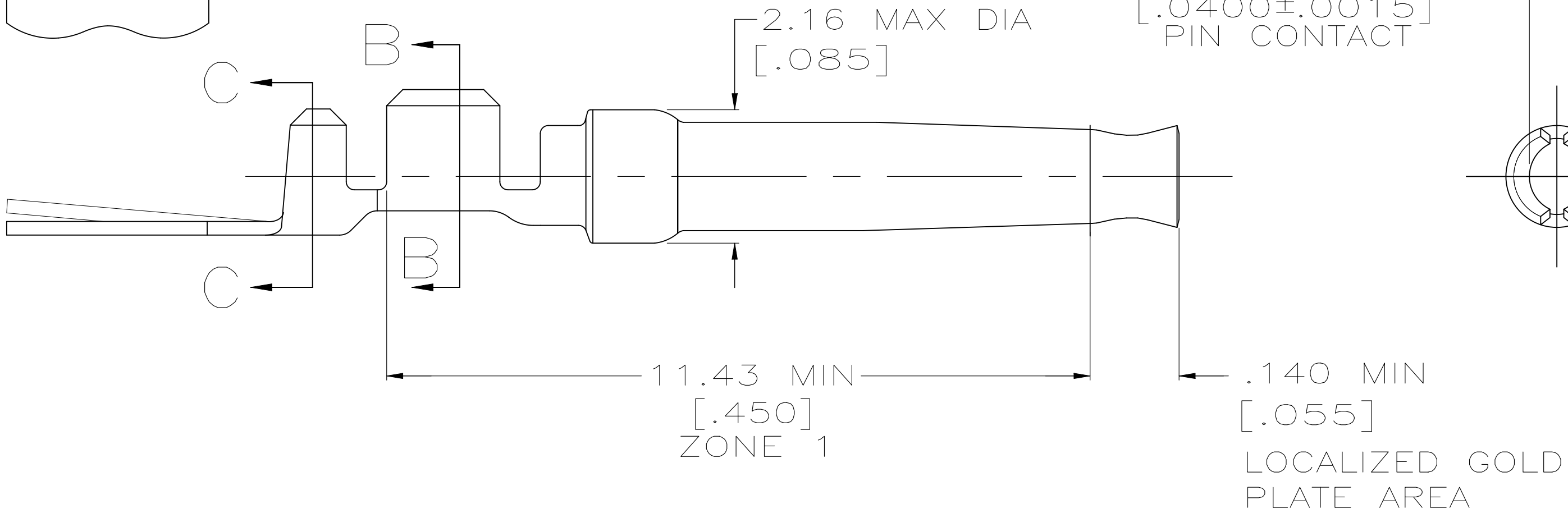
0.25 MAX
[.010]

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

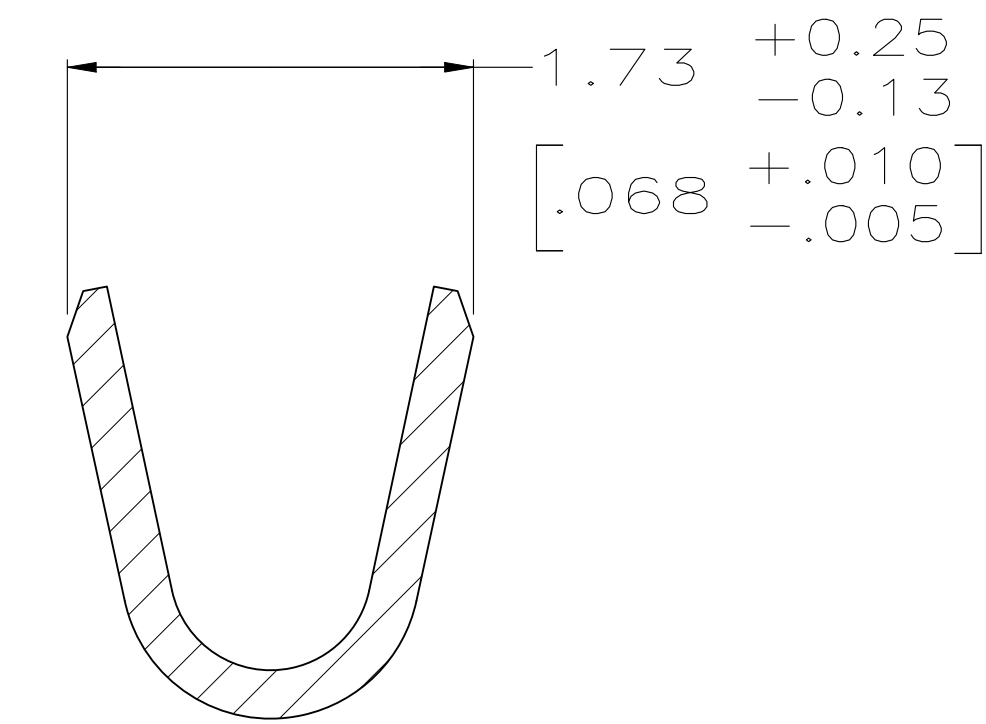
DETAIL Z
SCALE 8:1



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



SECTION C-C
SCALE 20:1
INSULATION BARREL



SECTION B-B
SCALE 20:1
WIRE BARREL

- 1

FOR MINI-APPLICATOR AND STRIPPER CRIMPER.
- 2

FOR HAND TOOL USE ONLY.
- 3

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
OBSOLETE	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
OBSOLETE	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]

0. PL C
1. PL C
2. PL C
3. PL C
4. PL C

± -
± -
± 0.13 [.005]
± -
± -

ANGLES
± -

MATERIAL
PHOSPHOR BRONZE
PER QQ-B-750

FINISH
SEE TABLE

DWN
C. RICHARD
3-19-90

CHK
W. G. LENKER
3-22-90

APVD
J. ASSINI
3-28-90

NAME

APPLICATION SPEC

SIZE
A1

CAGE CODE
00779

DRAWING NO
66504

RESTRICTED TO

WEIGHT

CUSTOMER DRAWING

SCALE
15:1

SHEET
1 OF 1

REV
AR2

TE Connectivity

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

4805 (1/15)