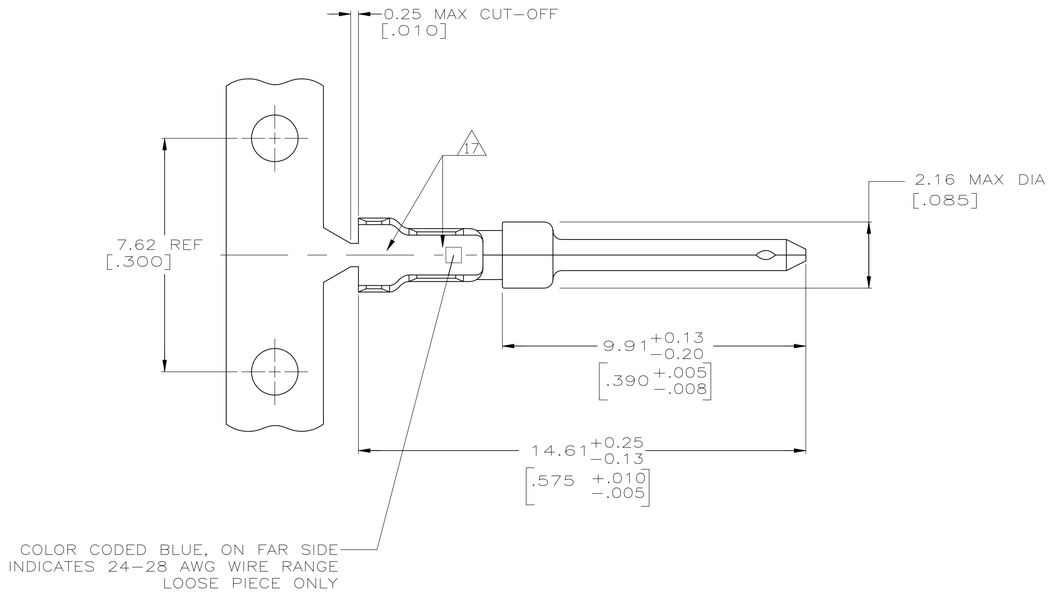
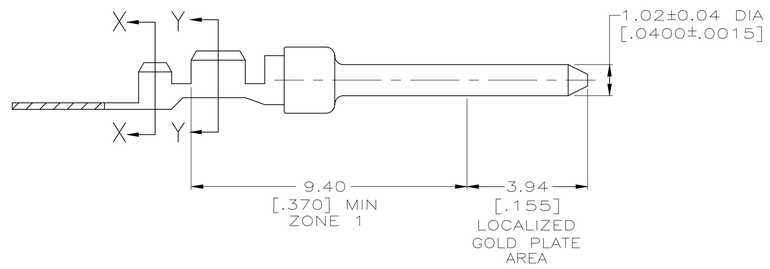
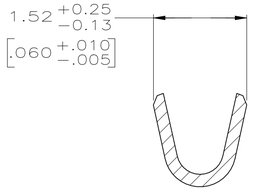
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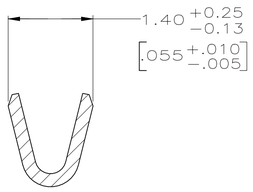
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	AU1	REVISED PER ECN-23-214059	21AUG2023	AP	IT







SECTION X–X
INSULATION BARREL
SCALE 20:1



SECTION Y–Y
WIRE BARREL
SCALE 20:1

1. FOR MINI-APPLICATOR AND STRIPPER CRIMPER.
2. FOR HAND TOOL USE ONLY.
3. FOR STANDARD APPLICATOR PART #566184 ONLY.
4. WIRE RANGE OF 24–28, INSULATION RANGE OF .030–.040.
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, 1.27μm [.000050] MIN GOLD ON LOCALIZED GOLD PLATE AREA AND ZONE 1 OVER 1.27μm [.000050] MIN NICKEL.
8. GOLD PLATED IN LOCALIZED GOLD PLATE AREA AS FOLLOWS:
   0.76μm [.000030] MIN GOLD IN MATED AREA, GOLD FLASH ON REMAINDER OF LOCALIZED GOLD PLATE AREA AND ZONE 1 OF CONTACT, ALL OVER 1.27μm [.000050] MIN NICKEL UNDERPLATE.
   OR
   GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76μm [.000030] MIN TOTAL IN MATED AREA, GOLD FLASH ON REMAINDER OF LOCALIZED GOLD PLATE AREA AND ZONE 1 OF CONTACT, ALL OVER 1.27μm [.000050] MIN NICKEL UNDERPLATE.
9. PLATED WITH GOLD FLASH ON LOCALIZED GOLD PLATE AREA AND ZONE 1 OVER 0.76μm [.000030] MIN NICKEL.
10. PLATED WITH 2.54μm–5.08μm [.000100–.000200] TIN.
11. PLATED WITH 1.27μm [.000050] MIN GOLD IN LOCALIZED GOLD PLATE AREA, GOLD FLASH ON ZONE 1, OVER 1.27μm [.000050] MIN NICKEL.
12. GOLD PLATED IN LOCALIZED GOLD PLATED AREA,
    0.76μm [.000030] GOLD IN MATED AREA,
    TIN PLATED WIRE BARRELS, OVER
    1.27μm [.000050] NICKEL.
13. PLATED WITH GOLD FLASH IN LOCALIZED GOLD PLATE AREA,
    TIN PLATED WIRE BARRELS, OVER
    0.76m [.000030] NICKEL.
14. GOLD PLATED IN LOCALIZED GOLD PLATED AREA,
    0.38μm [.000015] GOLD IN MATED AREA,
    GOLD FLASH ON REMAINDER, OVER
    1.27μm [.000050] NICKEL.
15. AMP ITALY PART NUMBER ONLY.
16. GOLD PLATED IN LOCALIZED GOLD PLATED AREA,
    0.03μm [.000001] GOLD IN MATED AREA,
    0.76μm [.000030] MIN TIN OR TIN-LEAD ON WIRE BARRELS, ALL OVER
    0.76μm [.000030] MIN NICKEL.
17. COMPANY LOGO ON BOTTOM OF EITHER WIRE OR INSULATION BARRELS.

PACKAGING TYPE	FINISH	USE	TYPE	PART NUMBER
OBSOLETE	STANDARD	12 16	3 1	STRIP	6-66507-3
OBSOLETE	STANDARD	16	1	STRIP	6-66507-2
OBSOLETE	STANDARD	13 12	2	LOOSE PIECE	5-66507-9
OBSOLETE	STANDARD	12	2	LOOSE PIECE	5-66507-7
OBSOLETE	STANDARD	13	1	STRIP	3-66507-1
OBSOLETE	STANDARD	12	1	STRIP	3-66507-0
	STANDARD	11	1	STRIP	2-66507-8
	STANDARD	11	3	STRIP	2-66507-7
OBSOLETE	STANDARD	10	1	STRIP	1-66507-4
SUPERSEDED BY 1658540-2	~~STANDARD~~	~~9~~	~~2~~	~~LOOSE PIECE~~	~~1-66507-0~~
	STANDARD	6	2	LOOSE PIECE	66507-9
SUPERSEDED BY 66507-9	STANDARD	7	2	LOOSE PIECE	66507-8
	STANDARD	9	1	STRIP	66507-4
	STANDARD	6	1	STRIP	66507-3
	STANDARD	7	1	STRIP	66507-2

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 ± –

MATERIAL: BRASS
FINISH: 6

DWN S. WELDON 9-9-86
CHK C. RICHARD 9-9-86
APVD V. KUMAR 9-10-86
PRODUCT SPEC —
APPLICATION SPEC 114-10000
WEIGHT 0.000000
CUSTOMER DRAWING
SCALE 10:1 SHEET 1 OF 1 REV AU1

TE Connectivity

NAME: PIN CONTACT, SIZE 20 DF, 24-28 AWG, AMPLIMITE

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-66507 | RESTRICTED TO —