

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT By - ALL RIGHTS RESERVED.

REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
J		REVISED PER ECO-16-004945	13OCT2016	RS MZ

Technical drawing of a pin assembly showing dimensions and callouts. The drawing includes a side view and a cross-section view. Dimensions include diameters like 1.588mm and 2.87mm, lengths like 9.91mm and 27.10mm, and a 0.38mm cut-off. Callouts identify components like 'PIN BODY, SEE TABLE', 'SPRING, STAINLESS STEEL', and 'COLOR CODE DOT, YELLOW (LOOSE PIECE ONLY)'.

10 1.27μm [.000050] MIN TIN PER MIL-T-10727 OVER
 1.27μm [.000050] MIN NICKEL PER QQ-N-290.

SECTION A-A

SECTION B-B

1 0.76μm [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH 1.27μm [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER 1.27μm [.000050] MIN NICKEL PLATE. CONFORMS TO THE REQUIREMENTS OF TYCO ELECTRONICS PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01 (CONTROLLED ENVIRONMENT APPLICATIONS),

2 0.76μm [.000030] MIN PRECIOUS METAL PLATE ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH A UNIFORM GRADIENT TO 0.25μm [.000010] MIN ON REMAINDER, OVER 1.27μm [.000050] MIN NICKEL PLATE. GOLD FLASH ALL OVER. CONFORMS TO THE REQUIREMENTS OF TYCO ELECTRONICS PRODUCT SPEC 108-10042, BASED ON EIA/ECA-364-1000.01 (CONTROLLED ENVIRONMENT APPLICATIONS).

3 0.38μm [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN 1.27μm [.000050] MIN MATTE TIN PLATE IN WIRE CRIMP AREA, BOTH OVER 1.27μm [.000050] MIN NICKEL PER QQ-N-290.

4 GOLD PLATING NOT REQUIRED IN THIS AREA.

5 1.27μm [.000050] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN WITH GOLD FLASH ON THE REMAINDER OVER 1.90μm [.000075] MIN NICKEL PER QQ-N-290.

6 1.27μm [.000050] MIN TIN-LEAD PER MIL-T-10727 OVER 1.27μm [.000050] MIN NICKEL PER QQ-N-290.

7 WIRE RANGE 24-20 AWG.

8 INSULATION RANGE 1.02 [.040]-2.03 [.080] DIA.

9 0.38μm [.000015] MIN GOLD PER MIL-G-45204 ON MATING END FOR A LENGTH OF 5.08 [.200] MIN, 1.27μm [.000050] MIN TIN-LEAD PER MIL-T-10727 FOR A LENGTH OF 5.69 [.224] MIN ON OPPOSITE END, BOTH OVER 1.27μm [.000050] MIN NICKEL PER QQ-N-290 ON ENTIRE CONTACT.

PACKAGING TYPE	BODY FINISH	BODY MATERIAL	STRIP P/N REF	PART NO
SMALL PACK	10	BRASS	2-66102-5 OR 2-66102-6	1-66103-9
STANDARD	10	BRASS	2-66102-5 OR 2-66102-6	1-66103-8
SMALL PACK	1	BRASS	66102-4	1-66103-7
SMALL PACK	3	BRASS	66102-3	1-66103-6
SMALL PACK	6	BRASS	66102-2	1-66103-5
SMALL PACK	2	BRASS	66102-1	1-66103-4
OBSOLETE	STANDARD	9	2-66102-3	1-66103-3
OBSOLETE	STANDARD	1	PHOSPHOR BRONZE	2-66102-2
OBSOLETE	STANDARD	6	PHOSPHOR BRONZE	2-66102-1
STANDARD	1	BRASS	66102-4	66103-4
STANDARD	3	BRASS	66102-3	66103-3
STANDARD	6	BRASS	66102-2	66103-2
STANDARD	2	BRASS	66102-1	66103-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	06/01/92		
		L.SIPE	6-11-92		
DIMENSIONS: mm [INCHES]		CHK	W.LENKER	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	G.STEINHAUER	PIN ASSEMBLY, LOOSE PIECE, TYPE III+	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC		SIZE	CAGE CODE
2 PLC ± 0.13 [.005]	3 PLC ± -	APPLICATION SPEC		DRAWING NO	RESTRICTED TO
4 PLC ± -	ANGLES ± -			A2 00779	C=66103
MATERIAL	FINISH	WEIGHT		SCALE	SHEET
SEE CALLOUTS	SEE CALLOUTS			8:1	1 OF 1
CUSTOMER DRAWING				REV	J

1471-9 (1/15)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Standard Circular Contacts](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[RC16M23J](#) [133780-1](#) [RM20M13D28](#) [RM24M9D28](#) [RMMX110-1D28](#) [MS3474W10-6P L/C](#) [ELFH02211](#) [ELVP16100E](#) [164-901-CD](#)
[EN3545007SCE](#) [BV002BSQ20049CZ](#) [BV002SSQ160404CZ](#) [1900ND05S1B00B](#) [166566-1](#) [1900ND04S1X00D](#) [ST-JL05-16S-C3-100](#) [ST-](#)
[JL05-20S-C1-100](#) [ST-JL05-20S-C2-100](#) [T01-CRIMP-S03](#) [APK-SA16A07-002](#) [27963-15T12](#) [CONT-JL05-08S-C2-10](#) [CONT-JL05-12S-C1-](#)
[10](#) [RC16M-23T](#) [RFD26L-1D28](#) [BV002ASJ16049CW](#) [JN1-22-20S-R-PKG100](#) [031-50213](#) [031-50565](#) [031-50794](#) [SJS861301M](#) [ST-JL05-](#)
[16S-C1-100](#) [ST-JL05-20P-C1-100](#) [82911466K](#) [192991-0087](#) [192900-0570](#) [44-100-1414P-1000-101](#) [T3P16FC3LZ](#) [ST-JL05-16S-C2-3500](#)
[ZP-4016-10NF](#) [CONT-JL05-12P-C1-10](#) [RM20M12G8D28](#) [031-50676](#) [12115010110](#) [RJFTVC2MG](#) [CAP-DACMDPC2](#) [031-50675-002](#)
[CAP-DD1FDPC2](#) [CAP-DACMDPC1](#) [031-50966-010](#)