

4

3

2

1

THIS DRAWING IS UNPUBLISHED.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

LOC	DIST	REVISIONS					
CM	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		AA		REVISED PER ECR-20-000725	20MAY2020	PC	SW

YES	71.12[2.800]	28	5-640442-8	
YES	68.58[2.700]	27	5-640442-7	
YES	66.04[2.600]	26	5-640442-6	
YES	63.50[2.500]	25	5-640442-5	
YES	60.96[2.400]	24	5-640442-4	
YES	58.42[2.300]	23	5-640442-3	
YES	55.88[2.200]	22	5-640442-2	
YES	53.34[2.100]	21	5-640442-1	
YES	50.80[2.000]	20	5-640442-0	
YES	48.26[1.900]	19	4-640442-9	
YES	45.72[1.800]	18	4-640442-8	
YES	43.18[1.700]	17	4-640442-7	
YES	40.64[1.600]	16	4-640442-6	
YES	38.10[1.500]	15	4-640442-5	
YES	35.56[1.400]	14	4-640442-4	
YES	33.02[1.300]	13	4-640442-3	
YES	30.48[1.200]	12	4-640442-2	
YES	27.94[1.100]	11	4-640442-1	
YES	25.40[1.000]	10	4-640442-0	
YES	22.86[.900]	9	3-640442-9	
YES	20.32[.800]	8	3-640442-8	
YES	17.78[.700]	7	3-640442-7	
YES	15.24[.600]	6	3-640442-6	
YES	12.70[.500]	5	3-640442-5	
YES	10.16[.400]	4	3-640442-4	
YES	7.62[.300]	3	3-640442-3	
YES	5.08[.200]	2	3-640442-2	
NO	71.12[2.800]	28	2-640442-8	SUPERCEDED BY 5-640442-8
NO	68.58[2.700]	27	2-640442-7	SUPERCEDED BY 5-640442-7
NO	66.04[2.600]	26	2-640442-6	SUPERCEDED BY 5-640442-6
NO	63.50[2.500]	25	2-640442-5	SUPERCEDED BY 5-640442-5
NO	60.96[2.400]	24	2-640442-4	SUPERCEDED BY 5-640442-4
NO	58.42[2.300]	23	2-640442-3	SUPERCEDED BY 5-640442-3
NO	55.88[2.200]	22	2-640442-2	SUPERCEDED BY 5-640442-2
NO	53.34[2.100]	21	2-640442-1	SUPERCEDED BY 5-640442-1
NO	50.80[2.000]	20	2-640442-0	SUPERCEDED BY 5-640442-0
NO	48.26[1.900]	19	1-640442-9	SUPERCEDED BY 4-640442-9
NO	45.72[1.800]	18	1-640442-8	SUPERCEDED BY 4-640442-8
NO	43.18[1.700]	17	1-640442-7	SUPERCEDED BY 4-640442-7
NO	40.64[1.600]	16	1-640442-6	SUPERCEDED BY 4-640442-6
NO	38.10[1.500]	15	1-640442-5	SUPERCEDED BY 4-640442-5
NO	35.56[1.400]	14	1-640442-4	SUPERCEDED BY 4-640442-4
NO	33.02[1.300]	13	1-640442-3	SUPERCEDED BY 4-640442-3
NO	30.48[1.200]	12	1-640442-2	SUPERCEDED BY 4-640442-2
NO	27.94[1.100]	11	1-640442-1	SUPERCEDED BY 4-640442-1
NO	25.40[1.000]	10	1-640442-0	SUPERCEDED BY 4-640442-0
NO	22.86[.900]	9	640442-9	SUPERCEDED BY 3-640442-9
NO	20.32[.800]	8	640442-8	SUPERCEDED BY 3-640442-8
NO	17.78[.700]	7	640442-7	SUPERCEDED BY 3-640442-7
NO	15.24[.600]	6	640442-6	SUPERCEDED BY 3-640442-6
NO	12.70[.500]	5	640442-5	SUPERCEDED BY 3-640442-5
NO	10.16[.400]	4	640442-4	SUPERCEDED BY 3-640442-4
NO	7.62[.300]	3	640442-3	SUPERCEDED BY 3-640442-3
NO	5.08[.200]	2	640442-2	SUPERCEDED BY 3-640442-2
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.	

Diagram showing identification numbers 1, 2, 3, and 4 on a connector housing. The numbers are arranged vertically on the left side of the housing.

Technical drawing showing dimensions and tolerances for the connector assembly. Key dimensions include: 6.99 [.275], 6.22 [.245], 1.91 [.075], 1.42 ± 0.10 [.056 ± .004], 4.67 ± 0.08 [.184 ± .003], 3.66 ± 0.08 [.144 ± .003], 13.21 [.520], A +0.38 -0.25, A +0.015 -0.010, and 2.54 [.100] TYP.

1 MATERIAL: CONNECTOR - NYLON UL94V-2 (BLUE).  
 CONTACTS - 0.30[.012] THICK COPPER ALLOY  
 BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS  
 FOR 640442-2 THRU 2-640442-8.  
 MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS  
 OVER NICKEL UNDERPLATE FOR 3-640442-2 THRU 5-640442-8.

2 CONTACTS ACCEPT 26 AWG WIRE WITH 1.52[.060] MAX  
 INSULATION DIAMETER.

3 CONTACTS MUST ACCEPT 0.64±0.03[.025±.001]  
 POST AND REMAIN LOCKED IN POSITION.

4 IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY  
 NOT APPEAR ON ALL ASSEMBLIES.

5 DIMENSIONS IN BRACKETS ARE IN INCHES.

6 HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP

7 OBSOLETE PARTS

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	S. CARPENTER	10JUN2003	 TE Connectivity MTA 100 CONNECTOR ASSEMBLY, 26 AWG, STANDARD			
DIMENSIONS:		CHK	D. BOSSI	10JUN2003				
mm [INCHES]		APVD	D. BOSSI	10JUN2003				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		108-1050				
0 PLC ±		APPLICATION SPEC		114-1019	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
1 PLC ±		WEIGHT			A2	00779	C=640442	-
2 PLC ±		CUSTOMER DRAWING			SCALE	5:1	SHEET	1 of 1
3 PLC ± 0.13 [.005]								REV
4 PLC ±								AA
ANGLES ±								
FINISH								

1471-9 (3/11)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[D38999/24FJ4AN](#) [570416-000](#) [CLTEQ-M81CE-SSRELAY-4-20V](#) [4-1195131-0](#) [650069-000](#) [SMD100-2](#) [358838-000](#) [CB-1022B-78](#)  
[RM707012](#) [RP410012](#) [MMS42](#) [1-640426-8](#) [2EDL4CM](#) [DTS20W19-11PD-3028-LC](#) [RM202615](#) [NC6-P104-06](#) [MSPS103B](#) [DTS26F21-41HE-LC](#) [DTS26F21-41AE](#) [DTS26F21-41PE-LC](#) [DTS26F21-11SE-3028-LC](#) [30DCB6](#) [1932144-1](#) [293545-4](#) [LVR125S](#) [MS27466T25F4PB](#)  
[CKB-38-78010](#) [TR04AI-TINELLOCKRING](#) [1206SFF150F/63-2](#) [D38999/20JB35HA](#) [TE1500A2R2J](#) [D38999/20WC8BB](#) [DTS24F19-11SC-3028-LC](#) [D38999/24WG11HA](#) [D38999/24WG11HN](#) [MS27467T21F11H](#) [DJT16E21-11HA](#) [MS27467T21F35J](#) [MS27467T21F11J](#)  
[MS27467T21F16H-LC](#) [MS27467T21F35H](#) [MS27467T21F41H-LC](#) [1206SFH150F/24-2](#) [RP330024](#) [DJT16E21-11PA-LC](#) [DJT16E21-11HA-LC](#) [DJT16E21-11AA](#) [MS27467T21B11JA](#) [DJT16E21-11JA](#) [MS27467T21B11JA-LC](#)