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REV. A	SHEET 1 OF 1	DOCUMENT NO. 21-033384-381
REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	---

SECTION AA-AA

Dimensions: .843 REF, .300<sup>+0.005</sup>/<sub>-.000</sub>, .823<sup>+0.002</sup>/<sub>-.003</sub>, .282±.008, .031±.002, .186 MIN, .258<sup>+0.003</sup>/<sub>-.001</sub>, .0250±.0005, .218±.001

Callouts: 1, 2, 3, 4, 5

Top View Dimensions:  $\phi .314^{+0.002}$ /<sub>-.001</sub>

Section Line: AA-AA

7. MATES WITH M38999 QUADRAX SOCKETS 21-033385-( ).

6. CRIMPING TOOLS:  
 OUTER CONTACT- M22520/5-01 TOOL, M22520/5-45 DIE SET (HEX CLOSURE A)  
 INNER CONTACTS- M22520/2-01 TOOL, DANIELS K709 (M22520/2-37) POSITIONER

5. TERMINATES QUADRAX CABLE PIC USB2422 (90 OHM) OR EQUIVALENT.

4. DRAWING ILLUSTRATES FINAL ASSEMBLY. CONTACT COMPONENTS ARE SHIPPED UNASSEMBLED. INSTALLATION INSTRUCTIONS & PIGGYBACK GROMMET SEAL (NOT ILLUSTRATED) ARE PACKAGED WITH EACH ASSEMBLY. PACKAGE PER PRODUCTION PROCESS SHEET.

3. MATERIALS:  
 OUTER & INNER CONTACTS- BERYLLIUM COPPER PER ASTM-B-196  
 SHIELD FERRULE- BRASS PER ASTM B453 OR QQ-B-626  
 FRONT INSULATOR & SPACER INSULATOR- TFE RESIN PER AMS 3651

2. FINISH:  
 GOLD PLATED IN ACCORDANCE WITH SAE AS 39029.  
 OVER NICKEL PLATE PER QQ-N-290 (.000050 MIN).

1. CONTACTS MEET THE ENVELOPE DIMENSIONAL REQUIREMENTS OF M39029/90.

NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1	MATERIAL SPEC. N/A
DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Stds. PER 9-3800	PROCESS SPEC. N/A
LEGENDS: = FLAG NOTE CALL OUT REFERENCE ONLY	

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
7	1	L-2119-EU	INSTALLATION INSTRUCTIONS	4
6	1	21-033321-030	PIGGYBACK GROMMET SEAL	4
5	1	21-033384-386	SHIELD FERRULE	
4	1	21-033382-005 OR 21-033382-025	SPACER INSULATOR	
3	1	21-033384-044	OUTER CONTACT	
2	1	21-033384-043	FRONT INSULATOR	
1	4	21-033384-022	INNER CONTACT	

APPROVALS		DATE	PARTS LIST	
PREPARED BY	J. ARIKUNNEL	15-Nov-13	<b>AMPHENOL CORPORATION</b> 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13858	
ENGINEER IN CHARGE	D. PHILLIPS			
DESIGN MANAGER	E. HICKEY			
DESIGN ACTIVITY GROUP	C-1			
THIRD ANGLE PROJECTION			SIZE	C
			CAGE CODE	77820
			DOCUMENT NO.	21-033384-381
			REV.	A
			SCALE: 10.0	21-33384-21
			SHEET 1 OF 1	

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REV. A

10-646402-125X

NEXT ASSEMBLY

PRO/ENGINEER INFORMATION

Pro/e Model Used:

21-033384-381.ASSEM

Drawing Name:

21-033384-381

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Eng. PDM Information For Reference Only