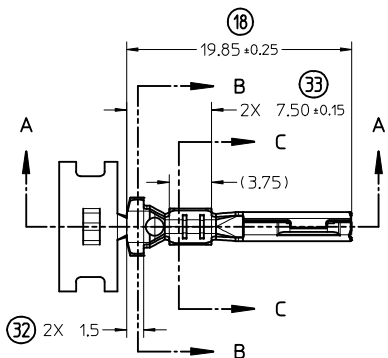
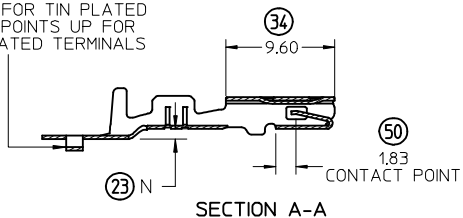
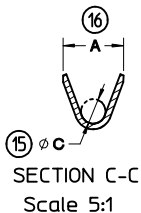
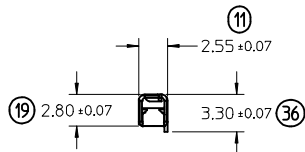
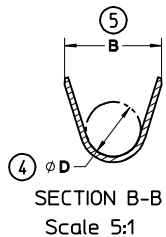


CARRIER BUMP DIRECTION
POINTS DOWN FOR TIN PLATED
TERMINALS. POINTS UP FOR
PRECIOUS PLATED TERMINALS



STAMP PLATING TYPE (Au-GOLD,
Sn-TIN) OR (Ag-SILVER) IN THIS AREA



(11,43)
PROGRESSION

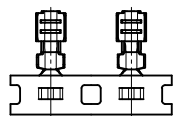


TABLE 1 - TERMINAL PART NUMBER AND DIMENSION REFERENCE

FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A ±0.3	B ±0.20	C ±0.3	D ±0.15	N ±0.10	SPECIAL CHARACTERISTICS	
MX150	RECEPTACLE	WIRE SEAL	Sn	34083-2003	RIGHT (B)	22	22AWG 0.35-0.50mm ²	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Sn	
				34083-3003	LEFT (D)									
				34083-2002	RIGHT (B)	18	20/18AWG 0.75-1.00mm ²	3.3	5.00	1.3	2.90	0.70		
				34083-3002	LEFT (D)									
				34083-2001	RIGHT (B)	14	16/14AWG 1.50-2.00mm ²	3.6	5.00	1.7	2.90	0.90		
				34083-3001	LEFT (D)									
	Au	34081-2005	RIGHT (B)	22	22AWG 0.35-0.50mm ²	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Au			
		34081-3005	LEFT (D)											
		34081-2004	RIGHT (B)	18	20/18AWG 0.75-1.00mm ²	3.3	5.00	1.3	2.90	0.70				
		34081-3004	LEFT (D)											
		34081-2003	RIGHT (B)	14	16/14AWG 1.50-2.00mm ²	3.6	5.00	1.7	2.90	0.90				
		34081-3003	LEFT (D)											
Ag	34081-4003	RIGHT (B)	22	22AWG 0.35-0.50mm ²	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Ag				
	34081-5003	LEFT (D)												
	34081-4002	RIGHT (B)	18	20/18AWG 0.75-1.00mm ²	3.3	5.00	1.3	2.90	0.70					
	34081-5002	LEFT (D)												
	34081-4001	RIGHT (B)	14	16/14AWG 1.50-2.00mm ²	3.6	5.00	1.7	2.90	0.90					
	34081-5001	LEFT (D)												

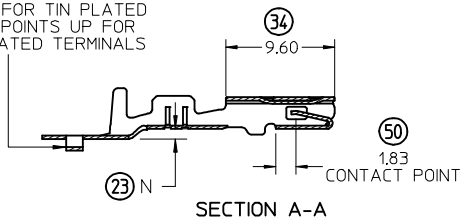
* SEE AS-34083-002 FOR SPECIFIC WIRE TYPES

NOTES: (UNLESS OTHERWISE SPECIFIED)

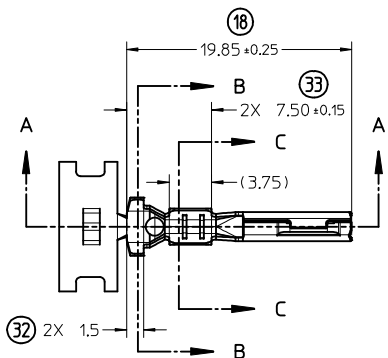
- MATING TERMINAL SHOWN ON DRAWING SD-34080-001
- MATERIAL: ASTM B422, UNS C19025, HR04
THICKNESS: 0.30 mm ±0.01
TEMPER: FULL HARD (REF)
TENSILE: 496 MIN MPA
- TIN PLATED TERMINAL FINISH
OVERALL UNDERPLATE ELECTRODEPOSITED NICKEL
OVERALL ELECTRODEPOSITED REFLOW TIN
- GOLD PLATED TERMINAL FINISH
OVERALL UNDERPLATE ELECTRODEPOSITED
DUCTILE SULFAMATE NICKEL
CONTACT AREA - ELECTRODEPOSITED GOLD
GRIP AREA - ELECTRODEPOSITED 100%
TIN MATTE FINISH
- SILVER PLATED TERMINAL FINISH
OVERALL UNDERPLATE ELECTRODEPOSITED
DUCTILE SULFAMATE NICKEL
CONTACT AREA - ELECTRODEPOSITED PURE SILVER
(0.5% MAX IMPURITIES) SEMI-
BRIGHT FINISH
- SILVER ANTI-TARNISH : EVABRITE
GRIP AREA - ELECTRODEPOSITED 100%
TIN MATTE FINISH
- MEETS PERFORMANCE SPECIFICATION FOR
CABLE TO TERMINAL ELECTRICAL CRIMPS
PER SAE/USCAR-21 (5/2002)
- MEETS PERFORMANCE STANDARD FOR
AUTOMOTIVE ELECTRICAL CONNECTOR
SYSTEMS FOR SAE/USCAR-2 REV. 4
(TEMP CLASS 3) (5/2004)
- MEETS ELECTRICAL CONNECTION SYSTEM
DESIGN SPECIFICATION (SDS) REV.11 (5/2002)
- MEETS FIELD CORRELATED LIFE TEST (FCLT) PER
SAE/USCAR-20 (6/2004)
- INSERTION FORCE WITH INLINE BLADE TERMINAL:
AVG. FORCE 3.1 N TIN (REFERENCE)
2.7 N GOLD (REFERENCE)
2.9 N SILVER (REFERENCE)
- REFERENCE FORD CAVITY SPECIFICATION
97BG-14474-ADA
- REFERENCE AS-34083-002 FOR CRIMP INFORMATION
- REFERENCE PK-31300-516 FOR REEL DIRECTION
- REFERENCE PS-34083-002 FOR PRODUCT SPECIFICATION

MINOR CORRECTIONS EC NO: UAU2014-1374 DRAWN BY JENNINGS01 2014/03/03 CHKD:ADHIR 2014/06/11 APPR:BMOSER 2014/06/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY K.FERGUSON	DATE 4/14/2009	MX 150 RECEPTACLE CABLE SEAL			
4 PLACES ± ---	± ---	CHECKED BY A. DHIR	DATE 4/14/2009						
3 PLACES ± ---	± ---	APPROVED BY B. MOSER	DATE 4/14/2009						
2 PLACES ± 0.10	± ---	MATERIAL NO.		DOCUMENT NO.		molex SD-34083-002			
1 PLACE ± 0.3	± ---	SEE TABLE		SHEET NO. 1 OF 1					
0 PLACE ±	±	ANGULAR ± 3 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C							

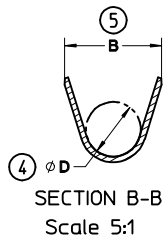
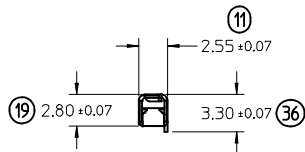
CARRIER BUMP DIRECTION
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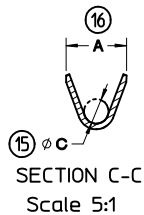
SECTION A-A



STAMP PLATING TYPE (Au-GOLD,
Sn-TIN) OR (Ag-SILVER) IN THIS AREA



SECTION B-B
Scale 5:1



SECTION C-C
Scale 5:1

(11,43)
PROGRESSION

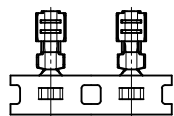


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FAMILY	GENDER	SEALING	PLATING	PART NUMBER	PAYOFF DIRECTION	GRIP CODE	WIRE SIZES*	A ±0.3	B ±0.20	C ±0.3	D ±0.15	N ±0.10	SPECIAL CHARACTERISTICS	
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				34083-2002	RIGHT (B)	18	20/18AWG	3.3	5.00	1.3	2.90	0.70		
				34083-3002	LEFT (D)		0.75-1.00mm ²							
				34083-2001	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90		
				34083-3001	LEFT (D)		1.50-2.00mm ²							
			Au	34081-2005	RIGHT (B)	22	22AWG	2.5	4.85	0.9	2.90	0.55	HIGH PERFORMANCE Au	
				34081-3005	LEFT (D)		0.35-0.50mm ²							
				34081-2004	RIGHT (B)	18	20/18AWG	3.3	5.00	1.3	2.90	0.70		
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				34081-2003	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90		
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	34081-5003	LEFT (D)		0.35-0.50mm ²										
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	34081-5002	LEFT (D)		0.75-1.00mm ²										
	34081-4001	RIGHT (B)	14	16/14AWG	3.6	5.00	1.7	2.90	0.90					
	34081-5001	LEFT (D)		1.50-2.00mm ²										

* SEE AS-34083-002 FOR SPECIFIC WIRE TYPES

NOTES: (UNLESS OTHERWISE SPECIFIED)

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2 PLACES ± 0.10	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-34083-002	SHEET NO. 1 OF 1					
1 PLACE ± 0.3	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
0 PLACE ±	±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								