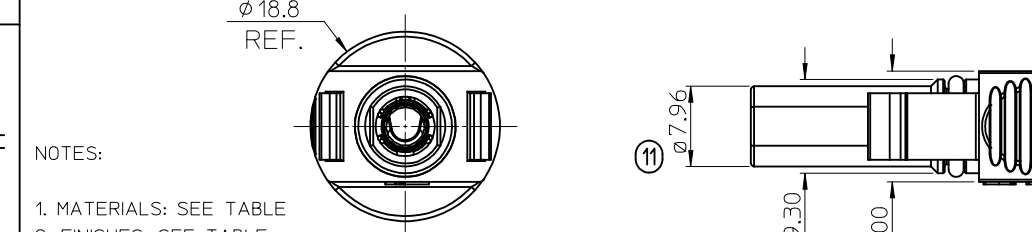
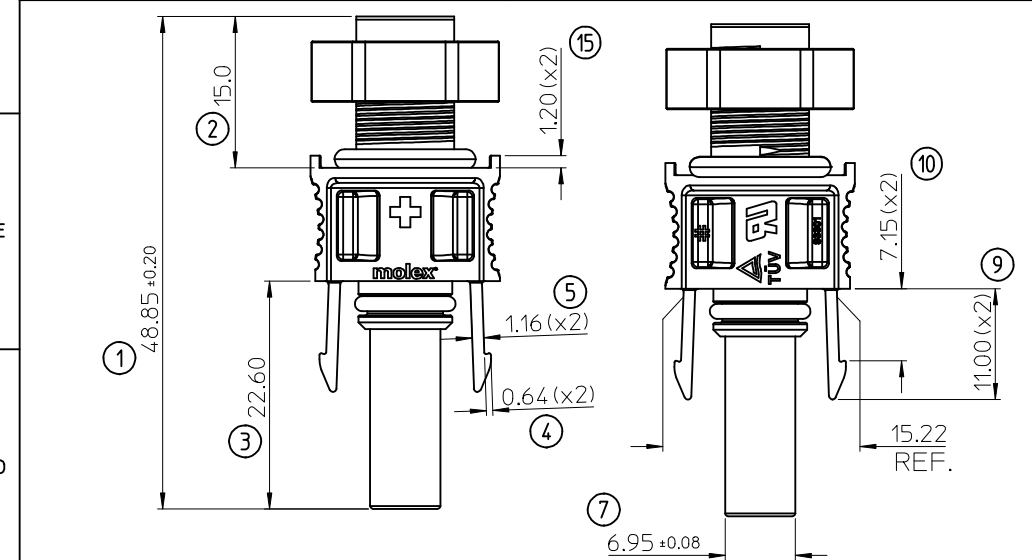


10	9	8	7	6
PART NUMBER	CRIMP SIZE	TERMINAL LOOSE	TERMINAL CHAIN	
93301-1001	2.5MM ² (14AWG)	933030005	933030003	
93301-1002	4-6MM ² (12-10AWG)	933030006	933030004	

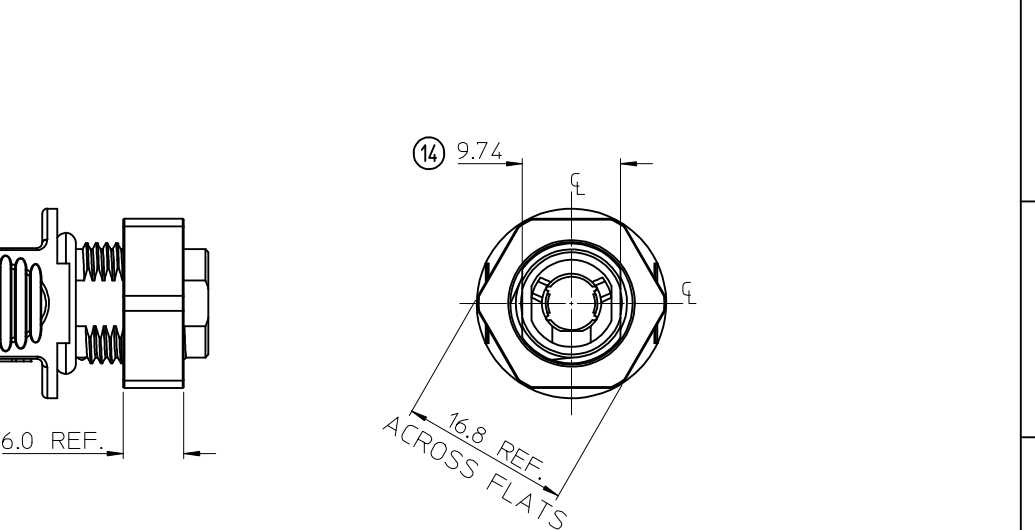
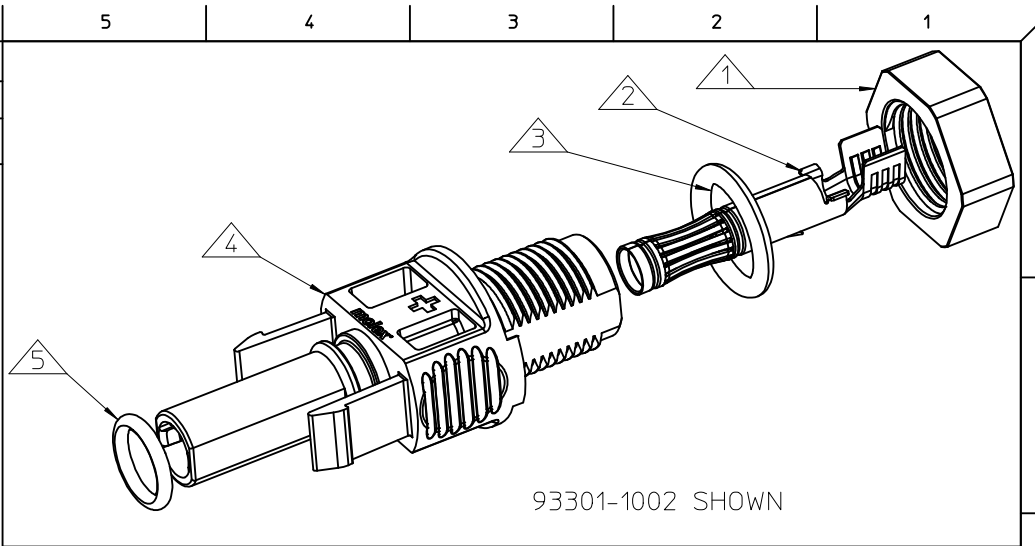


- NOTES:
1. MATERIALS: SEE TABLE
 2. FINISHES: SEE TABLE
 3. PRODUCT SPECIFICATION: PS-93301-001
 4. PACKAGING SPECIFICATION: PK-93301-001(bulk packed)
PK-93301-004(single packed).
 5. ASSEMBLY IS ROHS COMPLIANT.
 6. FOR DUSTCAPS PLEASE REFER TO SD-93301-009

LAST INSPECTION NUMBER USED THIS SHEET: 15
REMOVED INSPECTION NO'S: 6 8

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	1	M12 X 1.0 NUT	PC.	BLACK
2	1	SOCKET TERMINAL	COPPER ALLOY	SELECTIVE SILVER
3	1	2.0 X 10.0 O-RING	SILICONE	TRANSLUCENT
4	1	SOCKET HOUSING	PC	BLACK
5	1	1.5 X 7.0 O-RING	SILICONE	TRANSLUCENT

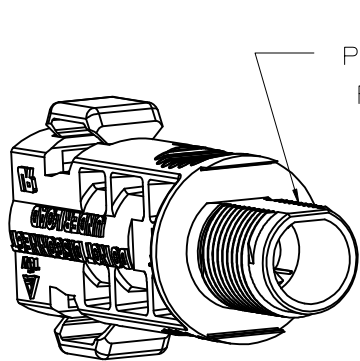
ib_frame_A3_P_AM.T
Rev. E 2006/04/15



5	4	3	2	1
PART NUMBER	CRIMP SIZE	TERMINAL LOOSE	TERMINAL CHAIN	
93301-1001	2.5MM ² (14AWG)	933030005	933030003	
93301-1002	4-6MM ² (12-10AWG)	933030006	933030004	

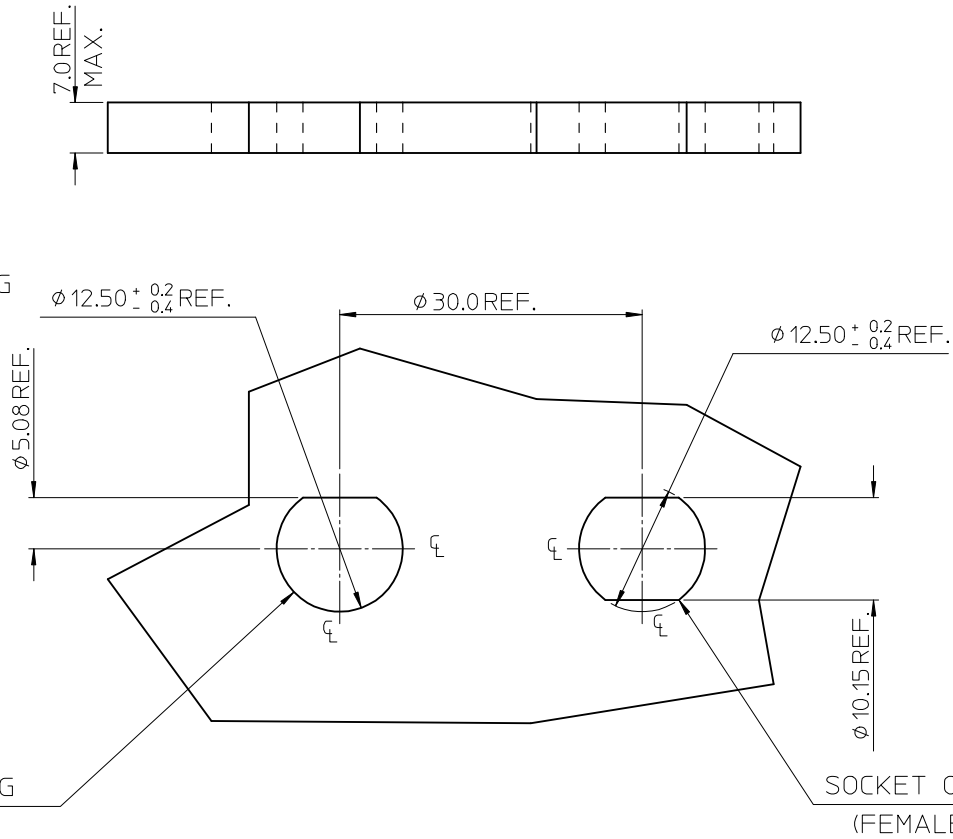
ib_frame_A3_P_AM.T
Rev. E 2006/04/15

RECOMMENDED PANEL LAYOUT

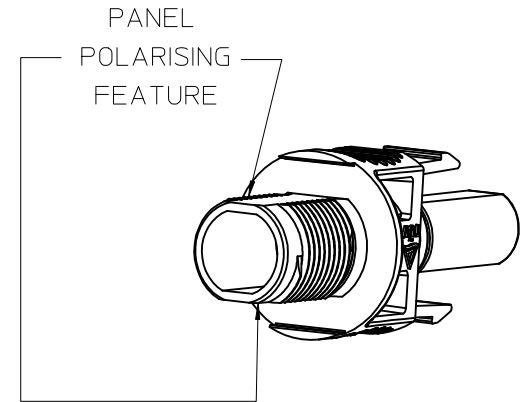


PANEL
POLARISING
FEATURE

PIN OPENING
(MALE)

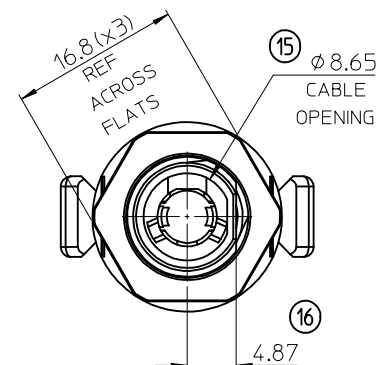


SOCKET OPENING
(FEMALE)



PANEL
POLARISING
FEATURE

SEE SHEET 1 EC NO: IPG2012-0274 DRAWN:DBYRNES 2011/08/18 CHKD:SMCGREEVY 2012/11/29 APPR:STGRIFFIN 2013/03/05	DESCRIPTION	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
				mm	INCH	DRAWN BY DBYRNES	DATE 2010/12/03	TITLE SOLAR DC PANEL MOUNT 14 -10 AWG						
			4 PLACES	± ---	± ---	CHECKED BY SMCGREEVY	DATE 2010/12/06							
			3 PLACES	± ---	± ---	APPROVED BY EFOLAN	DATE 2011/02/08	MOLEX INCORPORATED						
			2 PLACES	± 0.15	± ---	MATERIAL NO. N/A							DOCUMENT NO. SD-93301-001	
			1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ± 2 °											



CONTACT USED: SEE SD-93302-001

NOTES:



1. MATERIALS: SEE TABLE
2. FINISHES: SEE TABLE
3. PRODUCT SPECIFICATION: PS-93301-001 ø 9.85
4. PACKAGING SPECIFICATION: PK-93301-002
5. MATES WITH: 130244-1201/1203
6. ASSEMBLY IS ROHS COMPLIANT
7. ASSEMBLY IS DELIVERED WITH PANEL NUT
LOOSE IN BAG.
8. FOR DUSTCAPS PLEASE REFER TO SD-93301-009

LAST INSPECTION No: 18

REMOVED INSPECTION No'S: (7) (14)



3	1	PANEL NUT	POLYCARBONATE(PC)	BLACK
2	1	O-RING PANEL SEAL	SILICONE	DARK GREY
1	1	PIN HOUSING	POLYCARBONATE(PC)	BLACK
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH

REV	DESCRIPTION
A	<p>F.P.I.R. UPDATES</p> <p>EC NO: IFG2012-0274</p> <p>DRWN:DBVRYNES 2011/09/20</p> <p>CHKD:SMCGREEVY 2012/11/29</p> <p>APPR:STGRFFIN 2013/03/05</p>

QUALITY SYMBOLS	
	=0
	=0

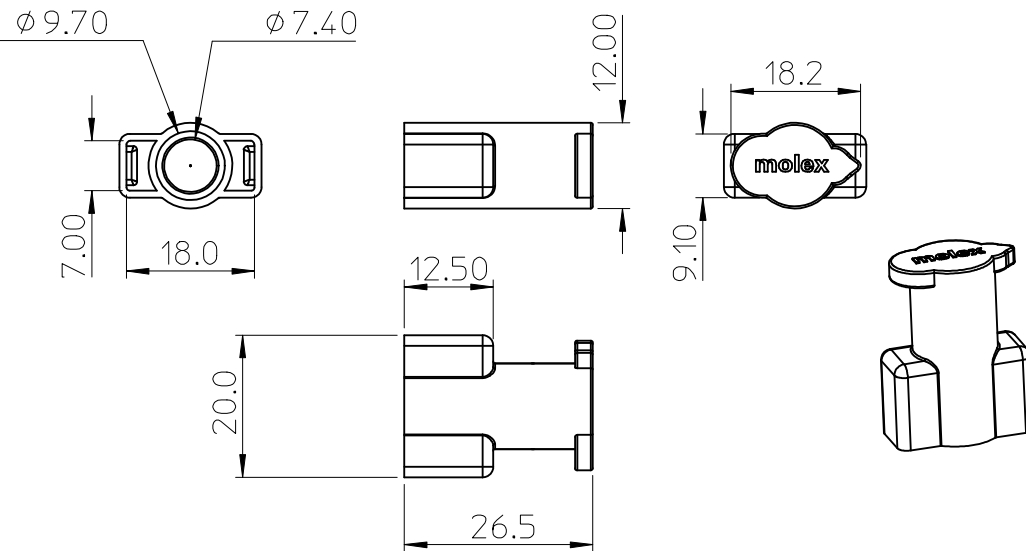
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
DBYRNES	2011/06/22
CHECKED BY	DATE
SMCGREEVY	2011/08/16
APPROVED BY	DATE
EFOLAN	2011/08/26
MATERIAL NO.	
933010201	
SIZE	THIS DRAWING CONTAINS INCORPORATED AND
A3	

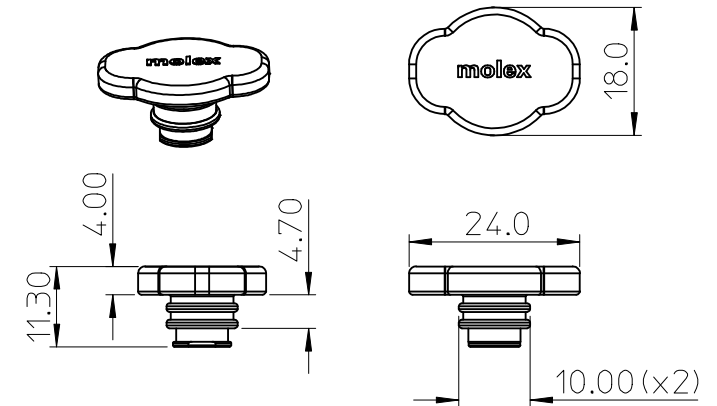
SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE SOLARSPEC PANEL MOUNT DC PIN ASSY CONNECTOR 14 - 10 AWG		
 MOLEX INCORPORATED		
DOCUMENT NO. SD-93301-003		SHEET NO. 1 OF 1

ALL INFORMATION THAT IS PROPRIETARY TO MOLEX
SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

93301-9001



93301-9002



NOTE'S

1. MATERIAL - SILICONE NE-7150
2. PARTS MUST BE RoHS COMPLIANT.
3. SUITABLE FOR USE WITH MOLEX SERIES 93301 & 130244 SOLARSPEC CONNECTORS.
4. PACKAGING SPECIFICATION: SEE CHART.

PART No.	DESCRIPTION	PKG SPEC
93301-9001	FEMALE SOCKET DUST CAP.	PK-93301-011
93301-9002	MALE PIN DUSTCAP.	PK-93301-012

ORIGINAL RELEASE EC NO: IPG2013-0910 DRWN:DBYRNES 2012/09/18 CHKD:CKNOWLES 2012/12/14 APPR:STGRIFFIN 2012/12/14 A	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY DBYRNES	DATE 2012/09/18	TITLE 93301 SERIES SOLARSPEC DUSTCAPS						
			4 PLACES	± ---	± ---	CHECKED BY CKNOWLES	DATE 2012/12/14							
			3 PLACES	± ---	± ---	APPROVED BY STGRIFFIN	DATE 2012/12/14							
			2 PLACES	± 0.25	± ---	MATERIAL NO. SEE CHART			DOCUMENT NO. SD-93301-009			SHEET NO. 1 OF 1		
			1 PLACE	± 0.38	± ---									
			0 PLACE	± ---	± ---									
			ANGULAR ± 2 °											
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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