

TABLE 1: DIGIT 6
CABLE TYPE OPTIONS

1	LEONI STÜDER BETAFLAM (TÜV - 224803)
2	LEONI STÜDER BETAFLAM (TÜV & UL - 224780)
3	BIZLINK PV CONNECTION (TÜV & UL - TY-2100)
4	BYSON ELECTRONIC (TÜV & UL - 6242_V4)

TABLE 2: DIGIT 7
CONNECTOR TYPE OPTIONS

1	SINGLE ENDED, NEGATIVE (MALE)
2	SINGLE ENDED, POSITIVE (FEMALE)
3	DOUBLE ENDED, NEGATIVE (MALE) & POSITIVE (FEMALE)

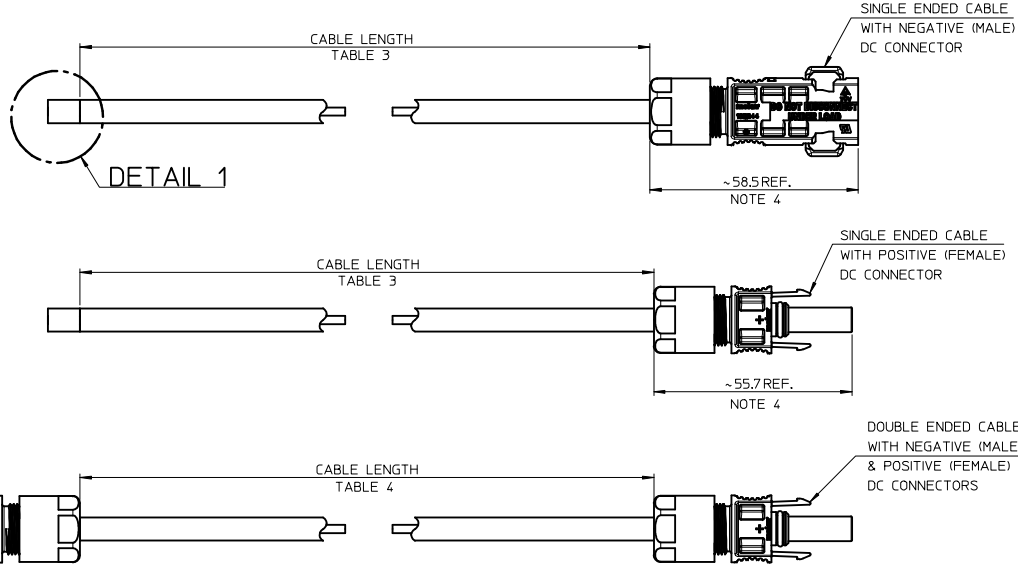
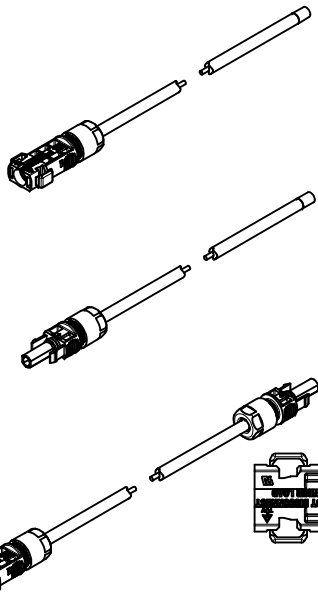
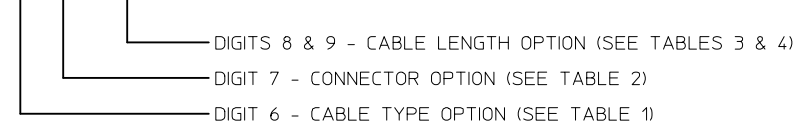
TABLE 3: DIGITS 8 & 9
CABLE LENGTH
SINGLE ENDED OPTIONS

01	0.9m +50mm/-0mm
02	1m +50mm/-0mm
03	1.5m +50mm/-0mm
04	3m +50mm/-0mm
05	5m +50mm/-0mm
06	10m +100mm/-0mm
07	20m +200mm/-0mm
08	2m +50mm/-0mm
09	8m +100mm/-0mm

TABLE 4: DIGITS 8 & 9
CABLE LENGTH
DOUBLE ENDED OPTIONS

01	0.9m +50mm/-30mm
02	1m +50mm/-30mm
03	1.5m +50mm/-30mm
04	3m +50mm/-30mm
05	5m +50mm/-30mm
06	10m +100mm/-30mm
07	20m +200mm/-30mm
08	2m +50mm/-30mm
09	8m +100mm/-30mm

93307-XXXX



HOW TO SELECT CABLE ASSEMBLY

1. CHOOSE YOUR PREFERRED CABLE TYPE FROM TABLE 1
2. CHOOSE EITHER POSITIVE, NEGATIVE OR POSITIVE & NEGATIVE DC CONNECTORS FROM TABLE 2
3. CHOOSE YOUR CABLE LENGTH FROM TABLE 3 OR FROM TABLE 4
4. CREATE YOUR PART NUMBER BY SUBSTITUTING THE APPROPRIATE NUMBERS FOR XXXX

NOTES:

1. SEE TABLE 1 FOR AVAILABLE CABLE TYPES.
2. CABLE ENDS WILL BE SUPPLIED PARTIALLY PRE-STRIPPED. PRE-STRIP REMOVED FOR CLARITY IN DETAIL 1.
3. ALL CONNECTORS ARE MOLEX DC CONNECTORS (INDUSTRY STANDARD COMPATIBLE). SEE SD-130244-001 FOR POSITIVE (FEMALE) CONNECTOR DETAILS. SEE SD-130244-002 FOR NEGATIVE (MALE) CONNECTOR DETAILS.
4. APPROXIMATE LENGTH OF CONNECTOR WHEN ASSEMBLED ONTO CABLE. LENGTH IS DEPENDANT ON CABLE OPTION USED AND IS A FUNCTION OF REQUIRED TORQUE ON STRAIN-RELIEF NUT.
5. DISCONNECTION WARNING EMBOSSED ONTO PLASTIC HOUSING OF NEGATIVE (MALE) CONNECTOR.
6. FOR 2.5mm² CABLE OPTIONS SEE SD-93306-001.
7. FOR 6mm² CABLE OPTIONS SEE SD-93308-001.

ADDED LENGTH OPTIONS EC NO: IPG2013-1727 DRWN: SMC GREEVY 2013/04/26 CHKD: SHANAHAN 2013/05/09 APPR: STURTELLIN 2013/05/22	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.05</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.1</td> <td>± ---</td> </tr> </table> ANGULAR ± 2 °		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.05	± ---	1 PLACE	± 0.1	± ---	DIMENSION STYLE MM ONLY	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH																		
	4 PLACES	± ---	± ---																		
	3 PLACES	± ---	± ---																		
2 PLACES	± 0.05	± ---																			
1 PLACE	± 0.1	± ---																			
DRAWN BY SMC GREEVY	DATE 2010/11/11	TITLE 4MMSQ SOLAR DC CABLE ASSEMBLY W/ MOLEX DC CONN																			
CHECKED BY	DATE	MOLEX INCORPORATED																			
APPROVED BY EFOLAN	DATE 2011/01/11	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-93307-001	SHEET NO. 1 OF 1																	