

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

OVERALL LENGTH

0100-0200 [3.94-7.87]

0201-0500 [7.91-19.69]

0501-1100 [19.72-43.30]

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

BE23S-XXXXX-XX-XX-XXXX

OVERALL CABLE LENGTH (MILLIMETERS) 0100-9999 [3.9 - 393.7] (SEE NOTE 4)

DO NOT SCALE FROM THIS PRINT

PATENT NUMBER 7,544,093

TABLE 2

"A"

+3.0 [.12]/-0.0 [.00]

+5.0 [.20]/-0.0 [.00]

+10.0 [.40]/-0.0 [.00]

END 2 CONNECTOR (SEE TABLE 1, SHT 2)

23S: MWC-2350-01 CABLE, WITH

(SEE FIG 4, SHT 4)

PRB3-P-C-XX-ST-CS3 CONNECTOR

CABLE CALLOUT END 1-

-No. OF PHASE MATCHED CABLES

-02: (2 CABLES FOR THIS PART NUMBER) -04: (4 CABLES FOR THIS PART NUMBER) -06: (6 CABLES FOR THIS PART NUMBER)

-08: (8 CABLES FOR THIS PART NUMBER)

PHASE MATCHING SPEC (RANGE)

⟨C⟩-02: 2.0 PICO-SECOND -05: 5.0 PICO-SECONDS -10: 10.0 PICO-SECONDS (SEE NOTE 5)

END 2-END 1 -MWC-2350-01 OAL XXXX ±"A" $\langle \mathbb{C} \rangle$

> FIG 1 BE23S-92SPP-XX-02-XXXX SHOWN

NOTES:

I. © REPRESENTS A CRITICAL DIMENSION

(C)2. ASSEMBLY TO BE 100% TESTED FOR OPENS, SHORTS & HI-POT TESTED (PER TABLE 3, AC OR DC), THE HI-POT VOLTAGE FOR THE ASSEMBLY SHOULD BE SET TO THE END OPTION WITH THE LOWEST TEST VOLTAGE RATING.

3. CABLE ASSEMBLY TO HAVE PROTECTIVE CAP ASSEMBLED ON EACH END AND TO BE INDIVIDUALLY PACKAGED IN ESD BAG (BG-09-12).

4. CABLE LENGTHS LONGER THAN 1000 MILLIMETERS ARE NOT SUPPORTED BY S.I. TEST DATA

5. PARTS TO BE PHASE MATCHED PER CO-HD-WI-3062-M.

6. FERRULE AND SPRING ARE FREE FLOATING AND ARE NOT STATIONARY.

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE:

DECIMALS **ANGLES** .X: ±0.3 [.01] .XX: ±0.13 [.005] .XXX: ±0.051 [.0020]

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INSULATORS: PTFE (SCC31)
PCTFE OR ULTEM-1000(OTHERS)
GASKETS: SILICONE
INNER PIN, RETAINER, FERRULE, NUT: BRASS C-RING: STAINLESS STEEL
SHELLS, INSERT, CABLE BODY, SPRING: BRASS OR STAINLESS STEEL

PHONE: 812-944-6733 FA e-Mail: info@SAMTEC.com FAX: 812-948-5047

DESCRIPTIO

BULLSEYE 23 AWG CABLE ASSEMBLY

BE23S-XXXXX-XX-XX-XXXX

BY:EMMA CHEN 3/10/2014

SHEET 1 OF 7

REVISION E

PATENT NUMBER 7,544,093

TABLE 1							
END 2 OPTION	SERIES	GENDER CONFIGURATION		PLATING			FIGURE
				CENTER CONTACT	OUTER CONTACT	OTHER COMPONENTS	
-92SJP	2.92 MM	JACK	STRAIGHT	30µ" GOLD	STAINLESS STEEL	3μ" GOLD	SHT 3, FIG 2
-92SPP	2.92 MM	PLUG	STRAIGHT	30µ" GOLD	STAINLESS STEEL	3μ" GOLD	SHT 3, FIG 3
-SCC31	Bull's Eye ®	PLUG	STRAIGHT	30µ" GOLD	3μ" GOLD	3μ" GOLD	SHT 4, FIG 4
-35SJP	3.50 MM	JACK	STRAIGHT	30µ" GOLD	STAINLESS STEEL	3μ" GOLD	SHT 4, FIG 5
-35SPP	3.50 MM	PLUG	STRAIGHT	30µ" GOLD	STAINLESS STEEL	3μ" GOLD	SHT 5, FIG 6

TABLE 3						
END OPTION	SUBTRACTOR	STRIP DIMENSIONS			HI POT	
	"γ"	"B"	"C"	"D"	"DC"	"AC"
-92SJP	7.7 [0.30]	2.25 [0.089]	3.25 [0.128]	6.75 [0.266]	1000	1000
-92SPP	8.4 [0.33]	2.25 [0.089]	3.25 [0.128]	6.75 [0.266]	1000	1000
-SCC31	1.7 [0.07]	2.16 [0.085]	2.16 [0.085]	5.94 [0.234]	1000	750
-35SJP	8.3 [0.33]	1.65 [0.065]	2.45 [0.096]	5.95 [0.234]	1000	1000
-35SPP	9.2 [0.36]	1.65 [0.065]	2.45 [0.096]	5.95 [0.234]	1000	1000

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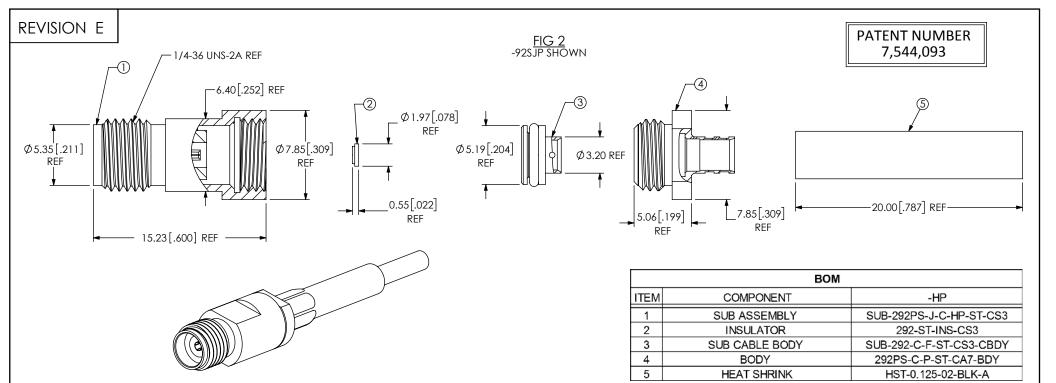
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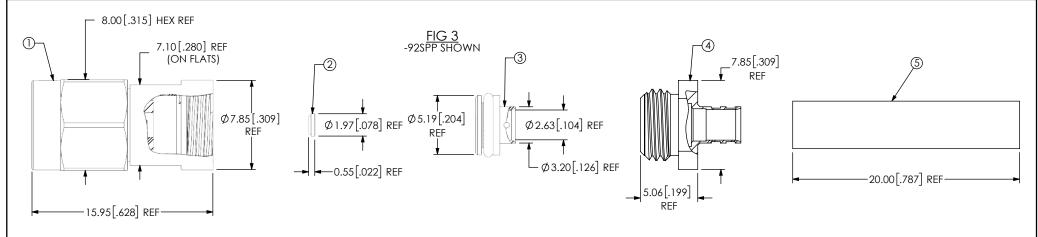
BULLSEYE 23 AWG CABLE ASSEMBLY

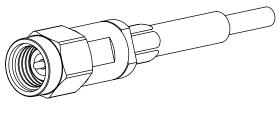
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BY:EMMA CHEN 3/10/2014 SHEET 2 OF 7







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ITEM	COMPONENT	-HP	
1	SUB ASSEMBLY	SUB-292PS-P-C-HP-ST-CS3	
2	INSULATOR	292-ST-INS-CS3	
3	SUB CABLE BODY	SUB-292-C-F-ST-CS3-CBDY	
4	BODY	292PS-C-P-ST-CA7-BDY	
5	HEAT SHRINK	HST-0.125-02-BLK-A	

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DESCRIPTION

BULLSEYE 23 AWG CABLE ASSEMBLY

DWG. NO.

BE23S-XXXXX-XX-XX-XXXX

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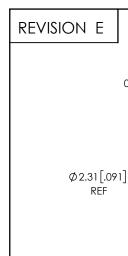
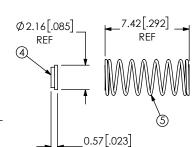
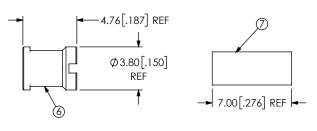


FIG 4 -SCC31 SHOWN



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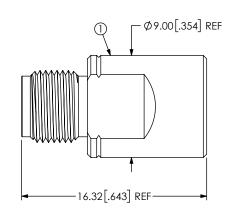
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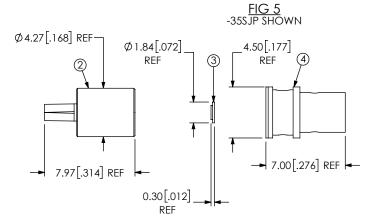
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ITEM	COMPONENT	-HF		
1	INSULATOR 1	PRB3-INS-003		
2	PIN	PRB3-PIN-002-H		
3	FERRULE	PRB3-FER-002-F		
4	RETAINER	PRB3-RET-002-F		
5	SPRING	PRB3-SPR-002		
6	INSULATOR 2	PRB3-INS-004		
7	HEAT SHRINK	HST-0.125-02-BLK		



Ø0.69[.027]



0.89[.035] REF



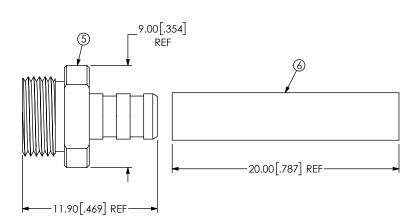
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6.60[.260]

Φ2.69[.106] REF

_3.68[.145] REF

ВОМ			
ITEM	COMPONENT	-HP	
1	SHELL	350-J-C-P-ST-CS3-SHL	
2	SUB SOCKET ASSEMBLY	SUB-350-J-C-HP-ST-CS3-SKT	
3	INSULATOR	350-ST-CS3-INS	
4	CABLE BODY	350-C-F-ST-CS3-CBDY	
5	BODY	350-C-P-ST-CS3-BDY	
6	HEAT SHRINK	HST-0.125-02-BLK-A	



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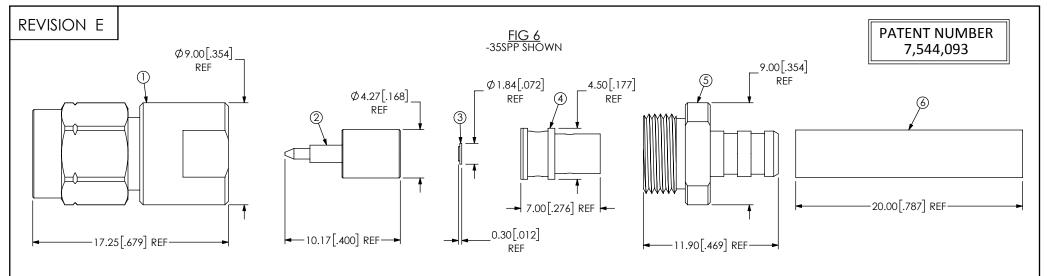
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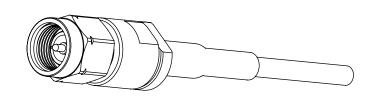
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вом			
ITEM	COMPONENT	-HP	
1	SUB SHELL ASSEMBLY	SUB-350-P-C-P-ST-CS3-SHL	
2	SUB PIN ASSEMBLY	SUB-350-P-C-HP-ST-CS3-PIN	
3	INSULATOR	350-ST-CS3-INS	
4	CABLE BODY	350-C-F-ST-CS3-CBDY	
5	BODY	350-C-P-ST-CS3-BDY	
6	HEAT SHRINK	H\$T-0.125-02-BLK-A	

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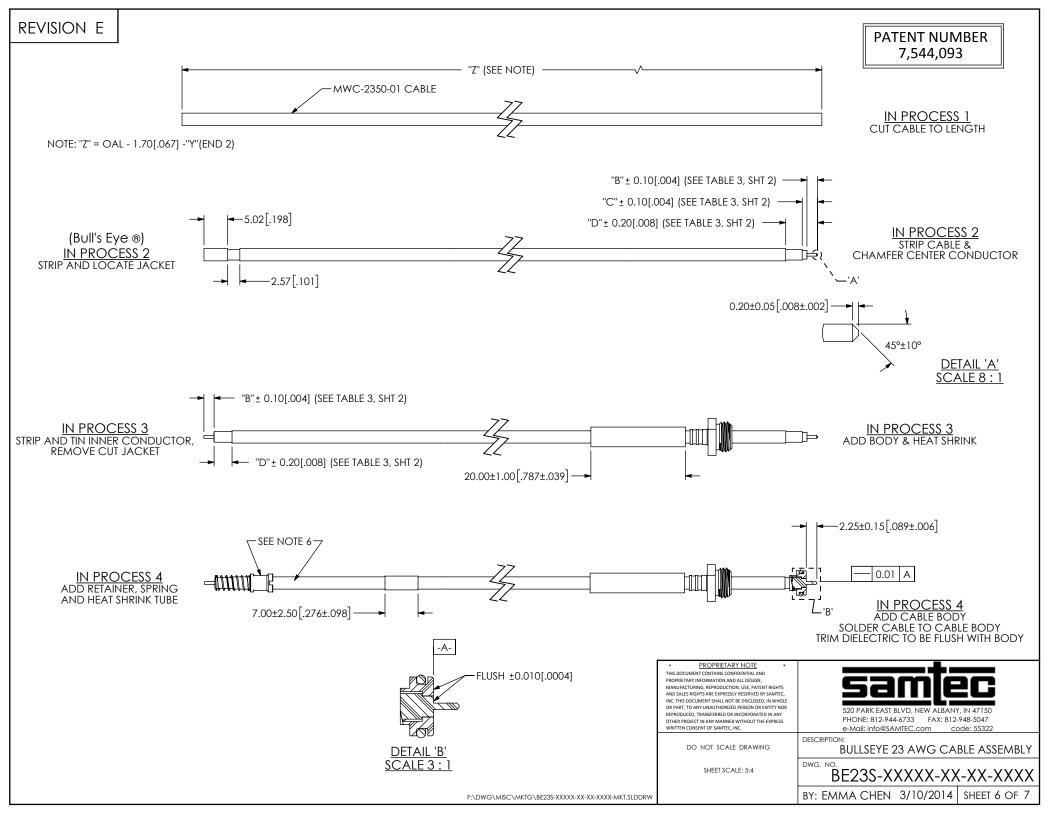
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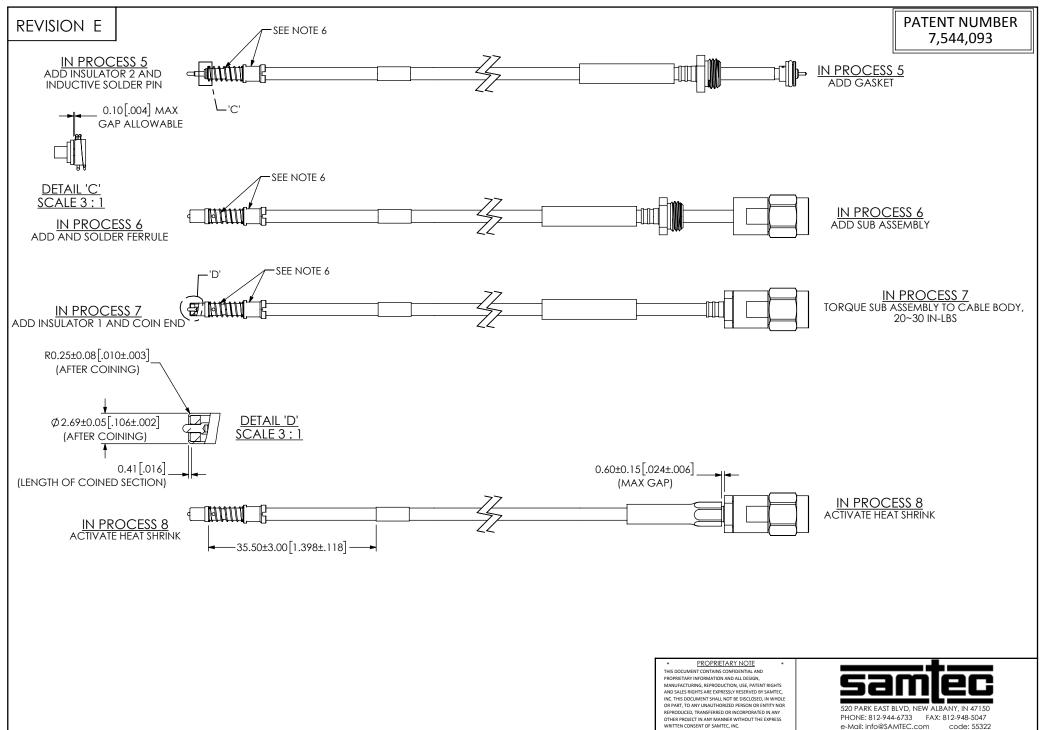
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