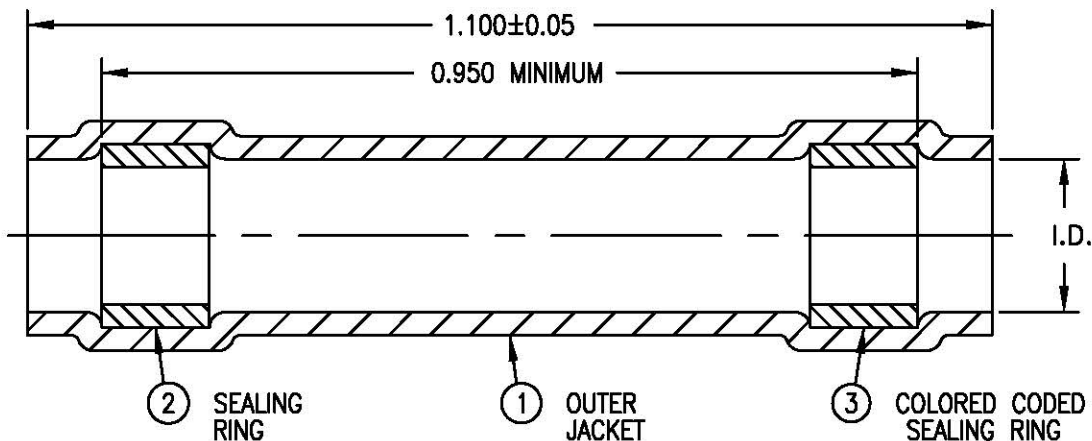
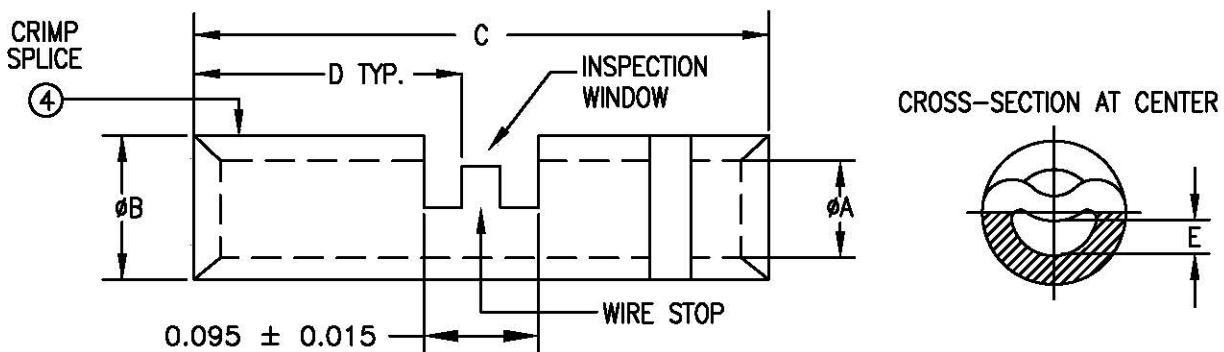


DATE	REV	REVISION RECORD	REVISED BY	APPROVED BY
		SEE PAGE 2		



SUMITOMO PART NUMBER	MIL SPEC PART NUMBER	WIRE RANGE	I.D. a(min) b(max)*	COLOR CODE
H-CR-436-36	AS81824/1-1	26-20	0.085 0.025*	RED
H-CR-436-37	AS81824/1-2	20-16	0.110 0.025*	BLUE
H-CR-436-38	AS81824/1-3	16-12	0.170 0.025*	YELLOW

*I.D. b MAXIMUM = THE MAXIMUM DIAMETER THROUGH THE MELTABLE SEALING RING AFTER UNRESTRICTED RECOVERY. I.D. a MINIMUM = AS RECEIVED.



SUMITOMO PART NUMBER	MIL SPEC PART NUMBER	WIRE RANGE	ØA	ØB	C	D	E MAX.	MAX. WEIGHT LBS./MPC	COLOR CODE
H-CR-436-36	AS81824/1-1	26-20	0.053 0.045	0.080 0.075	0.510 0.490	0.245 0.225	0.015	1.02	RED
H-CR-436-37	AS81824/1-2	20-16	0.070 0.063	0.107 0.100	0.585 0.565	0.280 0.260	0.020	1.61	BLUE
H-CR-436-38	AS81824/1-3	16-12	0.105 0.095	0.155 0.146	0.585 0.565	0.280 0.260	0.050	2.72	YELLOW

TOLERANCES
(EXCEPT AS NOTED)

DIMENSIONS ARE IN INCHES

DECIMAL = ± NA

FRACTIONAL = ± NA

ANGULAR = ± NA

SUMITOMO ELECTRIC
INTERCONNECT PRODUCTS, INC.

915 ARMORLITE DR., SAN MARCOS, CA 92069

TITLE: IN-LINE SPLICE, COPPER, NICKEL PLATED CRIMP, SEALED, ENVIRONMENT RESISTANT, 150°C QUALIFIED TO SAE AS81824/1

DRAWN N.CANADAY 10-01-07

DRAWING NUMBER

APPROVED *Jon M. Mills* 10-01-07

H-CR-436-XX (36-38) SAE AS81824/1

REV

OTHER REF. SAE AS81824/1

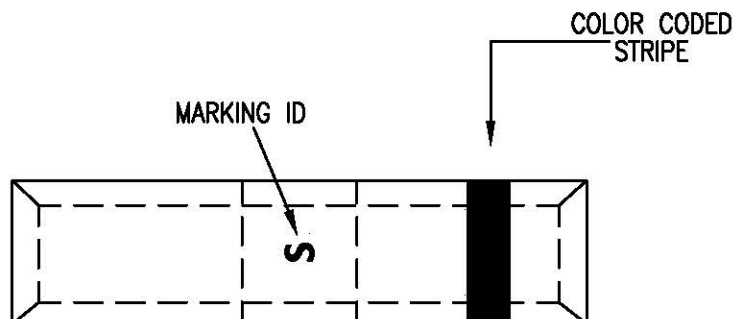
SCALE: NONE

CAD NO. H-CR-436-XX (36-38)

C

SHEET 1 OF 2

DATE	REV	REVISION RECORD	REVISED BY	APPROVED BY
10-01-07	A	WINDOW LENGTH ADDED	NNC	JMM
06-21-11	B	UPDATED: COPPER TYPE, WINDOW DIM, and REFERENCES	DCS	MRJ
03-04-14	C	ADD MANUFACTURER'S MARK	DCS	MRJ




MATERIALS:

1. OUTER JACKET: HEAT SHRINKABLE, RADIATION CROSSLINKED, MODIFIED POLYVINYLIDENE FLUORIDE, TRANSPARENT BLUE.
2. SEALING RING: IMMERSION RESISTANT THERMOPLASTIC, COLOR = CLEAR
3. SEALING RING: IMMERSION RESISTANT THERMOPLASTIC, COLOR = RED, BLUE OR YELLOW SEE COLOR CODE.
4. CRIMP SPLICE: BASE METAL: COPPER ALLOY 101 OR 102 PER ASTM B 75.
FINISH: TIN PLATING, PER ASTM B 545 Class A.
COLOR CODING: PER TABLE OF DIMENSIONS.

NOTES:

- A) THESE PRODUCTS ARE TESTED AND QUALIFIED TO SAE AS81824/1 STANDARDS AND ARE LISTED ON THE QPL (CLASS I). PLEASE REFER TO THE SUMITOMO ELECTRIC STS INSTALLATION GUIDE FOR RECOMMENDED ASSEMBLY INFORMATION.
- B) THESE PARTS ARE DESIGNED TO PROVIDE IMMERSION RESISTANT IN-LINE SPLICES OF 1 TO 1 WIRES FALLING WITHIN THE SIZE RANGE LISTED IN TABLES, AND HAVING NICKEL PLATED CONDUCTORS AND INSULATIONS RATED FOR AT LEAST 135°.
- C) I.D. a=AS RECEIVED, b=AFTER UNRESTRICTED RECOVERY THRU MELTABLE MATERIAL.

 SUMITOMO ELECTRIC INTERCONNECT PRODUCTS, INC.	
<small>915 ARMORLITE DR., SAN MARCOS, CA 92069</small>	
TITLE: IN-LINE SPLICE, COPPER, NICKEL PLATED CRIMP, SEALED, ENVIRONMENT RESISTANT, 150°C QUALIFIED TO SAE AS81824/1	
DRAWING NUMBER H-CR-436-XX (36-38) SAE AS81824/1	REV C
SCALE: NONE	CAD NO. H-CR-436-XX (36-38) SHEET 2 OF 2