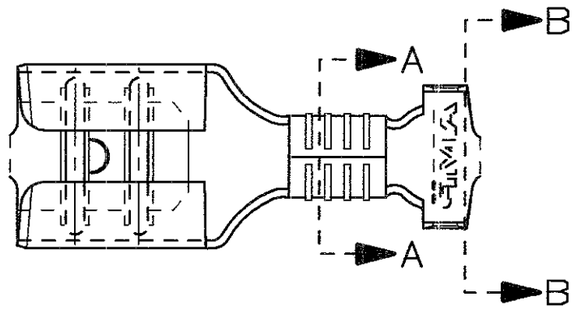
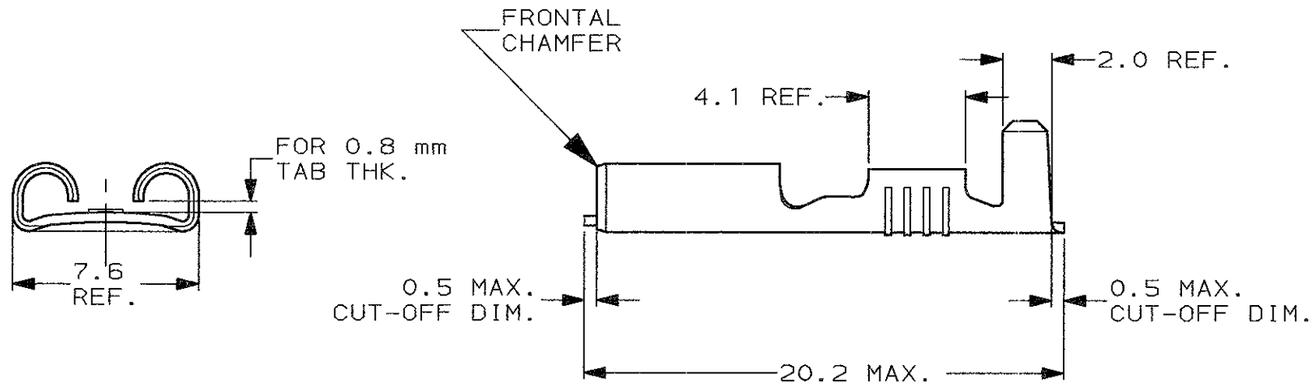
勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
http://www.100y.com.tw

SCALA NON IMPEGNATIVA (DO NOT SCALE)	METRIC	THIRD ANGLE PROJECTION
DIMENSIONI IN (DIMENSIONS IN) mm		

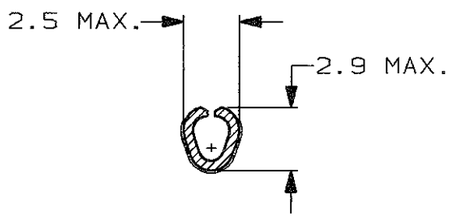


1) PER LE VERSIONI IN NASTRO VEDERE DISEGNO 160432.
(FOR STRIP VERSION SEE DWG. 160432).

2) CONFEZIONATO IN ACCORDO ALLA SPECIFICA AMP 107-20201.
(PACKAGED ACCORDING TO AMP SPEC. 107-20201).

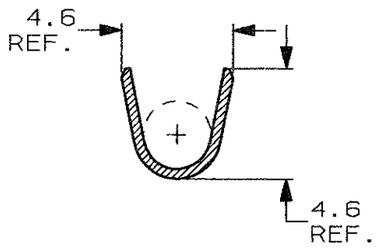


SEZIONE A-A
(SECTION A-A)



SEZIONE B-B
(SECTION B-B)

INSULATION BARREL
NO PREFORMING REQUIRED



STAGNATO (TIN PLATED)	BRONZO FOS. (PHOS. BRONZE)	5-160506-8	J
NUDO (UNPLATED)	BRONZO FOS. (PHOS. BRONZE)	5-160506-7	J
ARGENTATO (SILVER PLATED)	OTTONE (BRASS)	5-160506-5	J
PRE NICHELATO (PRE-NICKEL PL.)	ACCIAIO (STEEL)	5-160506-3	J
STAGNATO (TIN PLATED)	OTTONE (BRASS)	5-160506-2	J
NUDO (UNPLATED)	OTTONE (BRASS)	5-160506-1	J
FINITURA / COLORE (FINISH / COLOUR)	MATERIALE (MATERIAL)	NUMERO (PART NUMBER)	REV

HMR

REV.	REVISIONI (REVISION RECORD)	DIS. (DR)	DATA (DATE)
J1	REVISED PER ECO-11-005294	RK	09APR 11

CUSTOMER DWG. FOR REFERENCE ONLY | DISEGNO PER CLIENTE SOLO PER RIFERIMENTO

~~THIS DRAWING IS UNPUBLISHED~~ | RELEASE FOR PUBLICATION

TOLLERANZE: SE NON DIVERSAMENTE SPECIFICATO (TOLERANCES: UNLESS OTHERWISE SPECIFIED) ± 0.3
ANGOLI (ANGLES) ± 2°

DIS. H. YAALI (DR.) 17 OCT 2000
CONT. (CHK) C. TARTARI 17 OCT 2000
APP. (APP.) _

DIAM. ISOLANTE (INS. DIA. RANGE)	RANGO FILO (WIRE RANGE)	SCALA (SCALE)
2.3-3.3	0.5-1.5	4:1

TE Connectivity

DESCRIZIONE (DESCRIPTION) FASTON® Connector, .250" sr. REC. CONTACT (LOOSE PIECE VERSION)

LOC.	SIZE	NUMERO (DWG NO)	REV.	FOGLIO (SHEET)
I	A3	C-160506	J1	1 DI (OF) 1

DISTRIBUZIONE (PRINT DIST.)

NUMBER 114-19025

SECURITY CLASSIFICATION A

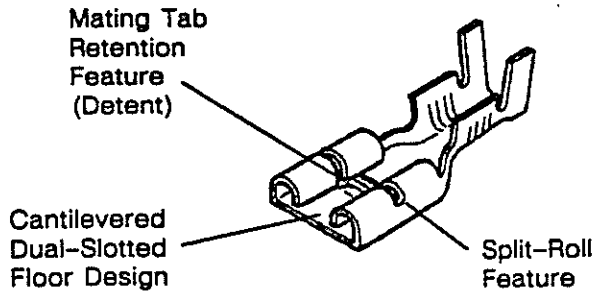
DC USA

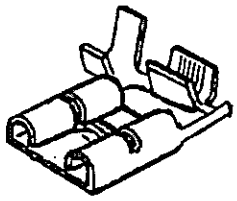
APPLICATION SPECIFICATION

1. SCOPE

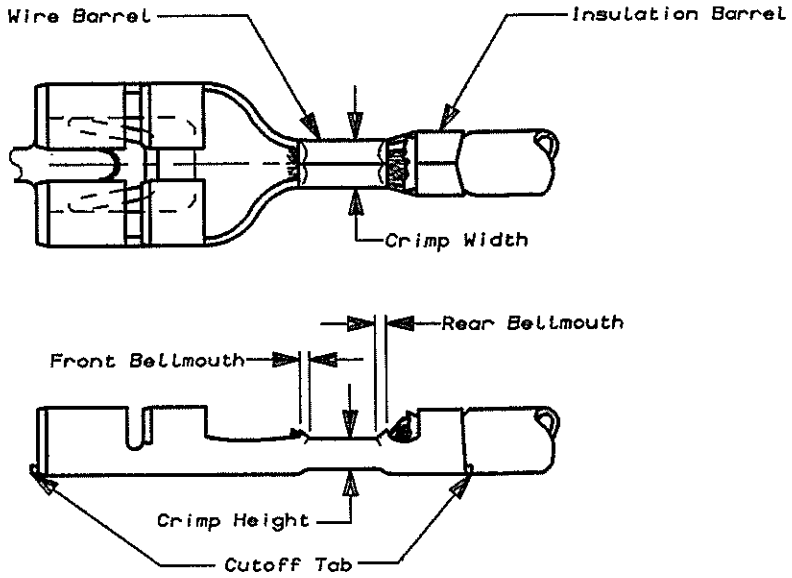
this specification covers the requirement for application of 187 and 250 srs Low Insertion Force FASTON rec. contacts. These requirements are applicable to hand or automatic machine crimping tools. For specific wire and insulation ranges relative to the products covered in this specication refer to the appropriate AMP Customer Drawing.

2. PRODUCT FEATURES





3. NOMENCLATURE



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LOC.	LTR	REV. RECORD	DR.	DATE
H	01	CLARIF.	FC	11/12
SIZE A4				

DR.	DATE
P.BEIJNON	25.02.92
CHK.	DATE
A. BIJNEN	-
APP.	DATE
L. VAN SOEST	1.4-92

AMP

AMP HOLLAND B.V.
's-Hertogenbosch,
The Netherlands.

NAME CONTACT, RECEPTACLE, FASTON, LOW INSERTION FORCE (LIF) .187 (4,8) AND .250 (6,3) SERIES APPLICATION OF

NO.	SHEET	REV.
114-19025	1 OF 5	01

4. PRODUCT SELECTION

Partnumber	wire size mm2	Ins. range dim. in mm	Tab dim's
6,35 srs straigth			
100495	0,5 - 1,5	2,3 - 3,3	6,35 x 0,8
100570	1,0 - 2,5	3,0 - 4,3	6,35 x 0,8
4,8 srs straigth			
100494	0,5 - 1,5	2,3 - 3,3	4,8 x 0,8
100674	1,0 - 2,5	3,0 - 4,3	4,8 x 0,8
100651	0,5 - 1,5	2,3 - 3,3	4,8 x 0,5
100675	1,0 - 2,5	3,0 - 4,3	4,8 x 0,5
6,35 srs Flag			
100644	2,0 - 3,8	2,0 - 3,8	6,35 x 0,8
100645	2,5 - 3,8	2,5 - 3,8	6,35 x 0,8

5. CRIMP AND DIMENSIONAL REQUIREMENTS

5.1. Wire Preparation

A. Strip Length

Insulation shall be stripped as indicated in Figure 2 and is based on wire barrel length.

Wire Barrel Length	Wire Strip Length
2,4 - 2,7	3,2
2,8 - 3,6	4,0
3,7 - 4,4	4,8
4,5 - 5,2	5,6
5,3 - 6,0	6,4
6,1 - 6,8	7,2

B. Workmanship

Reasonable care shall be taken not to nick, scrape or cut any strands or the solid wire during the stripping operation.

5.2. Carrier Cutoff Tab

Cutoff tab shall not exceed .020

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5.3. Wire Barrel Crimp

A. Crimp Dimensions and Type

Crimp height, width and type shall be as shown in the appropriate Applicator Log Sheet for machine applications or the Instruction Sheet for handtool applications.

B. Wire Barrel Flash



Wire barrel flash shall not exceed .005

C. Wire Barrel Seam

Wire barrel seam shall be completely closed and there shall be no evidence of loose wire strands or wire strands visible in the seam.

D. Bellmouth

(1) Rear bellmouth length shall be .015 - .025

(2) Front bellmouth length shall not exceed .025

E. Conductor Location

(1) End of the wire shall be flush with the front end of the wire barrel or extend .015 max. after crimping.

(2) Both insulation and conductor shall be visible between the insul. and wire barrel. Care shall be taken not to allow insulation to be crimped in the wire barrel.

5.4. Insulation Barrel Crimp

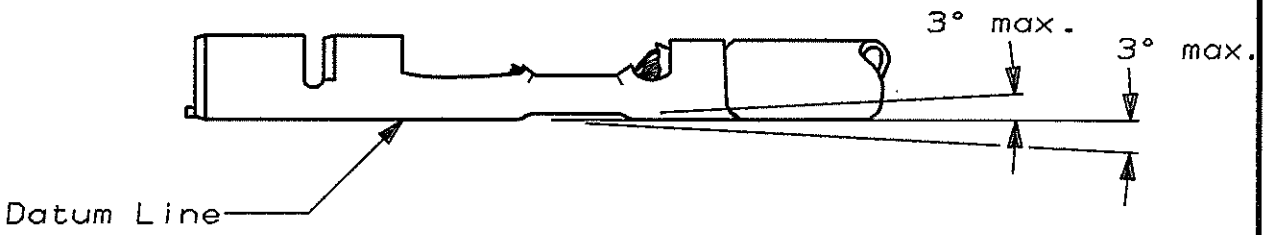
Reasonable care shall be taken not to cut or break the insulation during the crimping operation.

5.5. Alignment

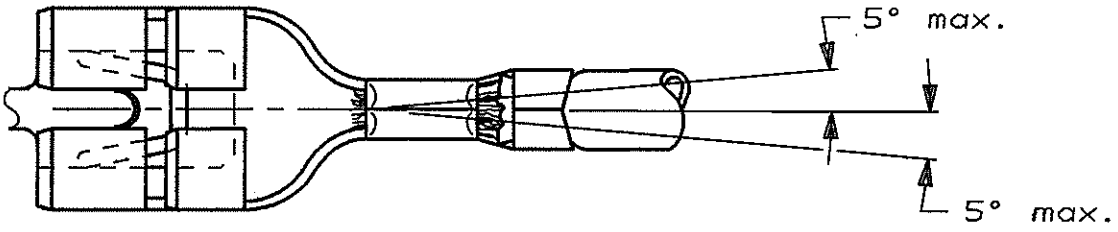
A. Straightness

(1) The contact, including the cutoff tab and burr shall not be bent above or below the datum line more than the amount shown in figure 3.

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(2) The side to side bending of the contact shall not exceed the limits specified in figure 4.



B. Twist or Roll

C. Crimped terminal requirements

(1) No damaging of mating area.
(2) Cut-off tab 0,5 mm max.

Twist or roll of the crimped contact shall not exceed the limits specified in Figure 5.

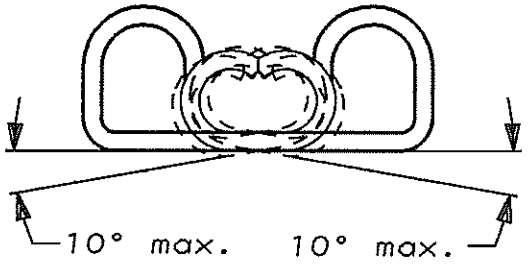


Figure 5.

6. Storage and Chemical Exposure Limitations

The chemicals listed below can cause stress corrosion cracking in brass receptacles.

Alkalies, Amines, Ammonia, Carbonates, Citrates Nitrites, Phosphates, Sulfides, Sulfur Compounds and Tartrates.

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Where the above environmental conditions exist, phosp. bronze receptacles are recommended instead of brass.

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