DaimlerChrysler Ford General Motors

Part Submission Warrant

YAZAKI

Part Name	*Y TYPE CONNECTOR MALE TERMINAL*	Cust. Part Number	FU5T-14421-FA
Shown on Drawing No.	*93BG-14421-YAA*	Org. Part Number	*7114-3273-02*
Engineering Change Level	*AELE-E-11784007-326*	Dated	*06-05-2015*
Additional Engineering Changes	*N/A*	Dated	*N/A*
Safety and/or Government Regulation	☐ Yes ☑ No	Purchase Order No.	*N/A* Weight (kg) *0.00677*
Checking Aid No.	*N/A*	Checking Aid Engineering Change Level	*N/A* Dated *N/A*

ORGANIZATION MANUFACTURING INFORMATION

YAZAKI EUROPE LTD **323047696**
Organization Name & Supplier/Vendor Code

Robert Bosch Strasse., 43
Street Address

Cologne **NRW** **D-50769** **Germany**
City Region Postal Code Country

CUSTOMER SUBMITTAL INFORMATION

NURSAN

Buyer/Buyer Code
FORD

MATERIALS REPORTING

Has customer-required Substances of Concern information been reported? ☑ Yes ☐ No ☐ n/a

Submitted by IMDS or other customer format: **IMDS**
IMDS ID: 120590668

Are polymeric parts identified with appropriate ISO marking codes? ☐ Yes ☐ No ☑ n/a

REASON FOR SUBMISSION (Check at least one)

- ☐ Initial submission
- ☐ Engineering Change(s)
- ☐ Tooling: Transfer, Replacement, Refurbishment, or additional
- ☐ Correction of Discrepancy
- ☐ Tooling Inactive > than 1 year
- ☐ Change to Optional Construction or Material
- ☐ Supplier or Material Source Change
- ☐ Change in Part Processing
- ☐ Parts produced at Additional Location
- ☑ Other - please specify below

Customer Request

REQUESTED SUBMISSION LEVEL (Check one)

- ☐ Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.
- ☑ Level 2 - Warrant with product samples and limited supporting data submitted to customer.
- ☐ Level 3 - Warrant with product samples and complete supporting data submitted to customer.
- ☐ Level 4 - Warrant and other requirements as defined by customer.
- ☐ Level 5 - Warrant with product samples and complete supporting data reviewed at organization's manufacturing location.

SUBMISSION RESULTS

The results for ☑ dimensional measurements ☑ material and functional tests ☐ appearance criteria ☐ statistical process package

These results meet all drawing and specification requirements: ☑ Yes ☐ NO (If "NO" - Explanation Required)

Mold / Cavity / Production Process ***B-1 / 1 cavity***

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at the production rate of **47,250** / **8** hours (each tool).
I also certify that documented evidence of such compliance is on file and available for review. I have noted any deviations from this declaration below.

EXPLANATION/COMMENTS: ***FORD PN FU5T-14421-FA***

Is each Customer Tool properly tagged and numbered? ☐ Yes ☐ No ☑ n/a

Organization Authorized Signature *Márcia Vidal* Date **19 September 2018**

Print Name **Márcia Vidal** Phone No. **+351 256 246 908** FAX No.

Title **QE** E-mail marcia.vidal@yazaki-europe.com

FOR CUSTOMER USE ONLY (IF APPLICABLE)

PPAP Warrant Disposition: ☐ Approved ☐ Rejected ☐ Other

Customer Signature Date

Print Name Customer Tracking No. (optional)

YAZAKI CORPORATION

OVERSEAS DIVISION

SAMPLE COMPONENT INSPECTION REPORT

OEM PART NO.	FU5T-14421-FA	YAZAKI PART NO.	7114-3273-02
B/P DATE	06-May-15	DRAWING TYPE	FORD
ECL OR ECN	AELE-E-11784007-326	DESCRIPTION	TRMNL-WIR SNP ON MLE
DIE/MOLD NO.	B-1	SUPPLIER	YAZAKI CORPORATION
NUMBER CAVITIES	1	CHECK ONE-PRODUCTION TOOL	×
		PROTOTYPE	N/A

RESULTS

DIM#	DRWG.DIM	TOL. MAX	TOL. MIN	POSITION	1	2	3	4	5								JUDG.
1	7.00	0.70	−0.15		7.00	7.00	7.01	6.99	7.01								OK
2	3.00	0.00	−0.20		2.99	2.99	2.99	2.99	3.00								OK
3	1.50	0.15	−0.15		1.50	1.49	1.50	1.49	1.49								OK
4	9.50	0.50	−0.50		9.50	9.51	9.50	9.51	9.51								OK
5	(40.00)				40.01	40.00	40.01	39.99	39.99								—
6	28.00	0.20	−0.20		28.00	27.99	28.01	28.01	27.99								OK
7	6.00	0.15	−0.15		6.00	6.00	5.99	5.99	6.00								OK
8	3.00	0.15	−0.15		3.01	3.01	3.00	2.99	2.99								OK
9	3.00	0.15	−0.15		2.99	3.01	2.99	3.00	2.99								OK
10	2.40	0.00	−0.10		2.39	2.39	2.39	2.40	2.39								OK
11	1.20	0.05	−0.01		1.21	1.21	1.19	1.20	1.20								OK
12	1.00	0.00	−0.10		1.00	0.99	0.99	0.99	0.99								OK
13	0.60	0.10	−0.10		0.59	0.59	0.61	0.60	0.59								OK
14	20.50	0.10	0.00		20.51	20.51	20.51	20.51	20.51								OK
15	18.50	0.10	0.00		18.50	18.50	18.51	18.51	18.51								OK
16	16.50	0.10	0.00		16.51	16.51	16.51	16.50	16.51								OK
17	C0.20	MAX			0.17	0.16	0.16	0.17	0.16								—
18	3.00	0.00	−0.10		2.99	2.99	2.99	2.99	2.99								OK
19	8.10	0.15	−0.15		8.17	8.18	8.19	8.19	8.19								OK
20	(8.90)				8.90	8.91	8.90	8.91	8.90								—
					8.99	8.99	8.98	8.98	8.98								—
21	R1.80	0.15	−0.15		1.79	1.79	1.81	1.79	1.79								OK
22	11.40	0.15	−0.15		11.40	11.41	11.39	11.40	11.40								OK
23	(11.10)				11.09	11.10	11.11	11.11	11.09								—
					11.13	11.12	11.12	11.12	11.10								—
24	R3.20	0.15	−0.15		3.20	3.20	3.20	3.20	3.20								OK
25	4.50	0.15	−0.15		4.51	4.49	4.51	4.50	4.50								OK

NOTES:

CHECKED BY F.AKAHORI DATE 10-Aug-18

APPROVED BY K.OHNO DATE 10-Aug-18

CUSTOMER,S APPROVAL

BY _____ DATE _____

YAZAKI CORPORATION

OVERSEAS DIVISION

SAMPLE COMPONENT INSPECTION REPORT

RESULTS

DIM#	DRWG.DIM	TOL. MAX	TOL. MIN	POSTION													JUDG.
26	t=0.6	0.03	−0.03		0.61	0.59	0.61	0.59	0.59								OK
27	29.1N	MAX			Untested for not having mating terminal												—

YAZAKI CORPORATION

MATERIAL CERTIFICATION

PART NO.	FU5T-14421-FA
YAZAKI NO.	7114-3273-02
MATERIAL	COPPER ALLOY

NO.	DESCRIPTION	UNIT	TEST METHOD	SPEC.	RESULT
1	CHEMICAL COMPOSITION Cu	%	JIS H 1292	Min. 99.8	99.83
2	CHEMICAL COMPOSITION P	%	JIS H 1292	0.025～0.040	0.034
3	CHEMICAL COMPOSITION Fe	%	JIS H 1292	0.05～0.15	0.100
4	Tensile Strength	N/mm^2	JIS Z 2241	345～410	378
5	Elongation	%	JIS Z 2241	Min. 6	14.4
6	Bending Test	–	JIS Z 2248	180° BEND	GOOD
7	Hardness Test	HV	JIS Z 2244	110～130	119

PREPARED	CHECKED	APPROVED BY	REMARKS
10-Aug-18	10-Aug-18	10-Aug-18	
Kobeseikou	H.Ohno	K.Ohno	

This product meets all above specifications.

Some test methods and Spec. are not disclosed to outside of YAZAKI.

YAZAKI

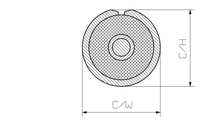
TERMINAL INFORMATION

FORD PART NO.	SUPPLIER PART NO.	DESCRIPTION	TRC(S)	GREASED Y/N	BASE MATERIAL	PLATING MATERIAL	PLATING THICKNESS	TOTAL WEIGHT	MATERIAL THICKNESS	MATERIAL HARDNESS	MAX.AMBIENTE TEMPERATURE	CONDUCTOR MIN/MAX CSA	INSULATION MIN/MAX ØD	VIBRATION CLASS
96FG-14421-YAA 93BG-14421-YAA FU5T-14421-FA	7114-3251 7114-3250 7114-3273-02	9.5 NWP MALE TERMINAL	G85	N	COPPER ALLOY	TIN	0.8-1.5µm	3.1g 3.4g 3.4g	t=0.6	HV 128	125°C	2.40 3.00/3.70 4.50	3.80 4.60/5.50 6.50	V1
96FG-14421-YBA 93BG-14421-YCA FU5T-14421-FA	7114-3251 7114-3250 7114-3273-02	9.5 WP MALE TERMINAL	G175	N	COPPER ALLOY	TIN	0.8-1.5µm	3.1g 3.4g 3.4g	t=0.6	HV 128	125°C	2.40 3.00/3.70 4.50	3.80 4.60/5.50 6.50	V2
93BG-10C930-AA	7157-3582-90	WIRE SEAL		N	SILICON RUBBER - BLUE			0.8g			230°C			
3M5T-10C930-MA	7158-3034-50	WIRE SEAL		N	SILICON RUBBER - RED			0.8g			230°C			
93BG-10C930-BA	7157-3580-60	WIRE SEAL		N	SILICON RUBBER - GREEN			0.8g			230°C			
3M5T-10C930-NA	7158-3035	WIRE SEAL		N	SILICON RUBBER - NATURAL			0.8g			230°C			
3M5T-10C930-PA	7158-3036-70	WIRE SEAL		N	SILICON RUBBER - YELLOW			1.0g			230°C			
XR8T-14603-GA	7157-3581-80	WIRE SEAL		N	SILICON RUBBER - ORANGE			0.7g			230°C			

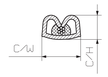
TERMINAL CRIMP & GRIP REFERENCE TABLE

FORD PART NO.	WIRE TYPE/ SPECIFICATION (Design intent)	WIRE SIZE	Strip Length (mm)	Conductor Crimp info		Insulation crimp info		Applicable Wire Seals	NOTES/ VALIDATION SOURCE
				C.C.W. (mm) (+/-x.xx)	C.C.H. (mm) (+/-x.xx)	I.C.W. (mm) (+/-x.xx)	I.C.H. (mm) (+/-x.xx)	FORD PART NUMBER	
96FG-14421-YAA	FLRYB	4	8±0.5	4.15±0.15	2.35±0.05	8.30±0.30	4.60±0.10		
96FG-14421-YBA	AV 3	4	12±0.5	4.15±0.10	2.40±0.05	6.90±0.15	6.00±0.10	93BG-10C930-AA	
96FG-14421-YAA	AV 3	4	12±0.5	4.15±0.10	2.40±0.05	8.60±0.10	5.50±0.10		
93BG-14421-YAA	AV 5~8	6	12±0.5	6.40±0.10	2.65±0.05	8.60±0.10	5.60±0.10		
93BG-14421-YAA	2TAD	6	8±0.5	6.35±0.10	2.55±0.05	8.65±0.20	4.90±0.10		
96FG-14421-YBA	FLRYB	4	8±0.5	4.20±0.10	2.35±0.05	6.95±0.15	6.00±0.10	93BG-10C930-AA	
96FG-14421-YBA	AV 3	4	12±0.5	4.15±0.10	2.40±0.05	6.90±0.10	6.90±0.10	3M5T-10C930-MA	
93BG-14421-YCA	AV 5~8	6	12±0.5	6.40±0.10	2.65±0.05	8.10±0.10	7.30±0.10	93BG-10C930-BA	
93BG-14421-YCA	AV 5~8	6	12±0.5	6.40±0.10	2.65±0.05	8.40±0.20	7.90±0.10	3M5T-10C930-NA	
93BG-14421-YCA	AV 5~8	8	11±0.5	6.40±0.10	2.91±0.05	8.40±0.20	7.95±0.10	XR8T-14603-GA	
FU5T-14421-FA	2TAD	10	7.50 +0.5 -0.5	6.10±0.10	3.15±0.10	8.75±0.10	7.95±0.10	3M5T-10C930-PA	
FU5T-14421-FA	2TAD	10	7.50 +0.5 -0.5	6.10±0.10	3.30±0.10	6.75±0.10	6.40±0.10		

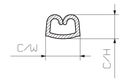
NO.	FORD PART NO.	YAZAKI PART NO.	a	b	c	d	e	f	g
1	93BG-14421-YAA	7114-3250	6.60	(7.30)	9.60	(9.00)	6.50	2.40	2.00
2	96FG-14421-YAA	7114-3251	4.80	(5.30)	7.20	(8.70)	5.50	1.50	1.70
3	93BG-14421-YCA	7114-3250	6.60	(7.30)	9.60	(9.00)	6.50	2.40	2.00
4	96FG-14421-YBA	7114-3251	4.80	(5.30)	7.20	(8.70)	5.50	1.50	1.70
5	FU5T-14421-FA	7114-3273-02	8.10	(8.90)	11.40	(11.10)	4.50	1.80	3.20



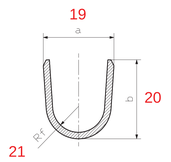
RECOMMENDED CRIMP SHAPE
INSULATION CRIMP FOR WP TERMINAL



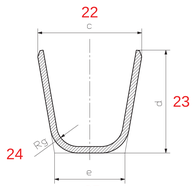
RECOMMENDED CRIMP SHAPE
INSULATION CRIMP FOR NWP TERMINAL



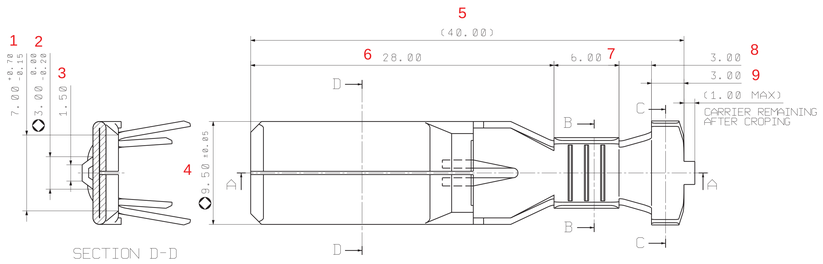
RECOMMENDED CRIMP SHAPE
CONDUCTOR CRIMP



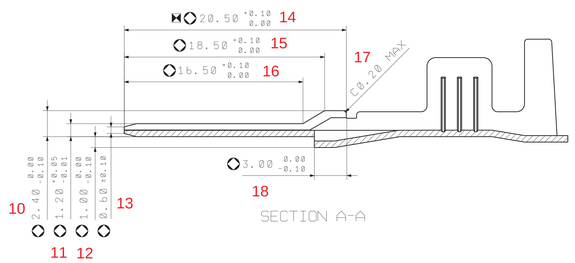
SECTION B-B



SECTION C-C



SECTION D-D



SECTION A-A

NOTES

1. PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN SPECIFICATION (SDS) VER. 8.0 DATED 20/NOV/00.
2. PART MUST CONFORM TO SAE/USCAR-2 REV. 3, DATED APRIL 2001.
29 3. MAXIMUM MATING FORCE FOR SINGLE TIN TERMINAL = 29.1 N.
4. MATING PART NUMBERS: 96BG-14474-YA* ETC. (7116-3250 ETC.).
5. DRAWING CONFORMS TO AVP-(T401/T406)-001 REVISION C DATED 08/AUG/03 WITH THE FOLLOWING EXCEPTIONS: 3,4,5,14,15,16.
6. FORD MOTOR COMPANY APPROVAL REQUIRED FOR ALL SOURCING AND TOOLING OF THIS PART.
7. FOR ENGINEERING APPROVED SOURCE SEE ENGINEERING RELESE.
8. ENGINEERING APPROVAL OF SAMPLE FROM EACH SUPPLIER IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION.
9. CHANGES IN DESIGN, COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.
10. GENERAL TOLERANCES: DIMS UP TO 10mm MAX ±0.15
    DIMS UP TO 50mm MAX ±0.20.
11. 0.2mm MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP FOR STAMPING PARTS.
12. THE WIRE SEAL PART NUMBERS 3M5T-10C930-M_/-N_/-P_, AND THE CORRESPONDING CRIMP PARAMETERS FOR 4mm², 6mm², 8mm² AND 10mm² WIRE ARE TESTED AND RELEASED ONLY FOR USE WITH CONNECTOR PART NUMBERS 3M5T-14A624-PB_/-NC_/-UD_ AND 2R8T-14A624-B_. NOTIFICATION OF THE TERMINAL SUPPLIER IS REQUIRED PRIOR TO THE USE OF ANY OF THESE WIRE SEAL/CRIMP PARAMETERS WITH ANY OTHER CONNECTOR PART NUMBER.
26 13. MATERIAL, THICKNESS & SPEC: COPPER ALLOY: t=0.6±0.03.
14. ◇PIPC DIMENSION: 10 LOCATIONS.
15. ⋈PIST DIMENSION: 1 LOCATION.

REMARKS

THE MASTER SOURCE OF INFORMATION FOR THIS DRAWING IS ON A PD COMPUTER DATABASE. CHANGES ARE NOT PERMITTED WITHOUT PRIOR CONSENT OF THE ENGINEERING CAD AREA.

CHANGES IN DESIGN, COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PRODUCTION REQUIRE A NEW ENGINEERING APPROVAL PRIOR TO PRODUCTION.

ENGINEERING APPROVAL OF PRODUCTION SAMPLES FROM EACH SUPPLIER REQUIRED PRIOR TO AUTHORIZATION OF INITIAL PRODUCTION. FOR SAMPLE REQUIREMENTS SEE ENGINEERING RELEASE.

DIMENSIONS AND INSTRUCTIONS WHICH ARE NOT DEFINED ARE LEFT TO THE SUPPLIER'S DISCRETION.

THE MASTER SOURCE OF INFORMATION FOR THIS DRAWING IS IN A PE COMPUTER DATABASE. CHANGES ARE NOT PERMITTED WITHOUT PRIOR CONSENT OF THE RELEVANT ENGINEERING CAD ACTIVITY.

LTRS	REVISIONS
ORIGINATOR	CHECKER / ENGR APP / MATL APP

RELEASED
EE00-E-10185b07-000 ( ) (P) DATE: 92/01/20 CAD: Y

EDS	KORBEL	A.SWEENY	

REDRAWN TO LATEST DRAWING STANDARDS AFTER REVISION A

B1 DELETED WATERMARK "ADVANCE DRAWING"
B2 ADDED PAGE NO. 2
B3 CRIMP TOOL MOVED TO PAGE 2

AELE-E-11784007-326 06052015

YAZAKI	WMACZEWS	JPITTEN1	

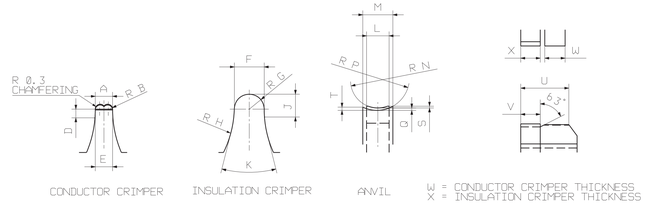
REFERENCE	9.5 MALE TERMINAL		
PART MUST COMPLY WITH RESTRICTED SUBSTANCE MANAGEMENT STANDARD WSS-M99P9999-A1 TO SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT			
DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS CURRENT AT INITIAL RELEASE	3RD ANGLE PROJ - DIMENSIONS ARE IN MILLIMETERS		
CAD TYPE: K-CATIA5	CAD LOC.: TCe	CAD FILE: 93BG-14421-YA-DWG-01	DTMC IS MASTER
OPER. NO.: N/A	UNIT: N/A	DRAWING: 93BG-14421-YAA	
DESIGN: YAZAKI	DETAIL: SIKANIC	TITLE: TRMNL-WIR SNP ON MLE	SHT 1 OF 2
CHECKED: WMACZEWS	SAFETY: N/A		RH/LH: N/A
SCALE: 5:1	DATE: 2006081b	DIVISION: N/A	
		PLANT: N/A	

FU5T-14421-FA
96FG-14421-YAA
96FG-14421-YBA
93BG-14421-YCA

FORD MOTOR COMPANY

PRINTED COPIES ARE UNCONTROLLED

CRIMP TOOL DETAIL FOR 4mm² WIRE, WP TERMINAL 96FG-14421-YBA AND WIRE SEAL 3M5T-10C930-MA AND 93BG-10C930-AA



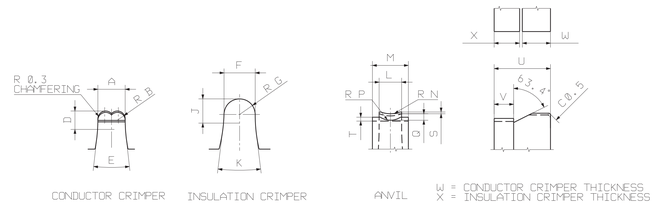
CONDUCTOR CRIMPER INSULATION CRIMPER ANVIL

W = CONDUCTOR CRIMPER THICKNESS
X = INSULATION CRIMPER THICKNESS

RECOMMENDED DIE DIMENSIONS

DIMENSION	A	B	D	E	F	G	H	J	K	L	M	N	P	Q	S	T	U	V	W	X
UNIT	[mm]			[°]	[mm]				[°]	[mm]										
TOLERANCE	+0.02 0	±0.02	±0.10	±1	+0.02 0	+0.01 0	±0.10	±0.10	±1	0 -0.02	0 -0.02	±0.05	±0.05	±0.04	+0.02 -0.04	+0.02 -0.04	±0.10	±0.10	±0.02	0 -0.05
VALUE	4.00	1.14	4.00	10	6.90	3.45	24.00	5.00	6	4.00	6.90	4.25	5.52	1.00	0.35	0.98	13.00	4.50	5.90	6.00

CRIMP TOOL DETAIL FOR 6mm² WIRE, WP TERMINAL 93BG-14421-YCA AND WIRE SEAL 93BG-10C930-BA



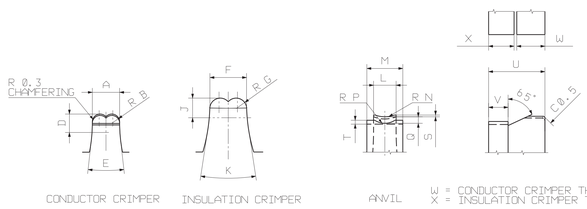
CONDUCTOR CRIMPER INSULATION CRIMPER ANVIL

W = CONDUCTOR CRIMPER THICKNESS
X = INSULATION CRIMPER THICKNESS

RECOMMENDED DIE DIMENSIONS

DIMENSION	A	B	D	E	F	G	J	K	L	M	N	P	Q	S	T	U	V	W	X
UNIT	[mm]			[°]	[mm]			[°]	[mm]										
TOLERANCE	+0.02 0	±0.02	±0.10	±0.30	+0.02 0	±0.10	±0.10	±0.30	0 -0.02	0 -0.02	±0.05	±0.05	±0.04	+0.02 -0.04	+0.02 -0.04	±0.10	±0.10	±0.02	0 -0.02
VALUE	6.30	1.80	5.00	10	7.90	3.95	5.00	6	6.30	7.90	10.17	6.32	1.00	0.50	1.20	13.00	4.50	5.90	6.00

CRIMP TOOL DETAIL FOR 4mm² WIRE, NWP TERMINAL 96FG-14421-YAA



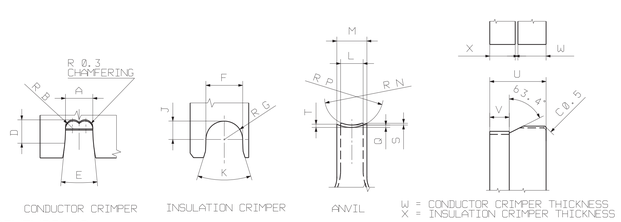
CONDUCTOR CRIMPER INSULATION CRIMPER ANVIL

W = CONDUCTOR CRIMPER THICKNESS
X = INSULATION CRIMPER THICKNESS

RECOMMENDED DIE DIMENSIONS

DIMENSION	A	B	D	E	F	G	J	K	L	M	N	P	Q	S	T	U	V	W	X
UNIT	[mm]			[°]	[mm]			[°]	[mm]										
TOLERANCE	+0.02 0	±0.02	±0.10	±0.30	+0.02 0	±0.02	±0.10	±0.30	0 -0.02	0 -0.02	±0.05	±0.05	±0.04	+0.02 -0.04	+0.02 -0.04	±0.02	±0.10	±0.02	0 -0.02
VALUE	4.00	1.14	4.00	10	8.50	2.42	5.00	10	4.00	8.50	4.25	18.31	0.50	0.30	0.50	13.00	4.50	5.90	4.50

CRIMP TOOL DETAIL FOR 6mm², 8mm², WIRE, WP TERMINAL AND WIRE SEAL 3M5T-10C930-NA AND XR8T-14603-GA



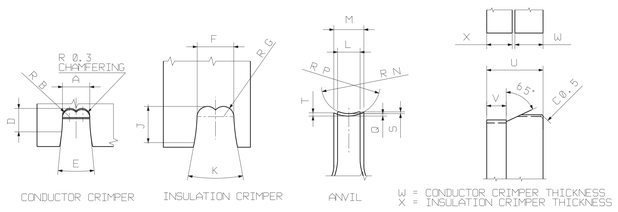
CONDUCTOR CRIMPER INSULATION CRIMPER ANVIL

W = CONDUCTOR CRIMPER THICKNESS
X = INSULATION CRIMPER THICKNESS

RECOMMENDED DIE DIMENSIONS

DIMENSION	A	B	D	E	F	G	J	K	L	M	N	P	Q	S	T	U	V	W	X
UNIT	[mm]			[°]	[mm]			[°]	[mm]										
TOLERANCE	+0.02 0	±0.02	±0.10	±1	+0.02 0	±0.02	±0.10	±1	0 -0.02	0 -0.02	±0.05	±0.05	±0.04	+0.02 -0.04	+0.02 -0.04	±0.10	±0.10	±0.02	0 -0.05
VALUE	6.30	1.80	4.00	10	8.50	4.25	5.00	10	6.30	8.50	10.17	18.31	1.00	0.43	0.45	13.00	4.50	5.90	4.00

CRIMP TOOL DETAIL FOR 6mm² WIRE, NWP TERMINAL 93BG-14421-YAA



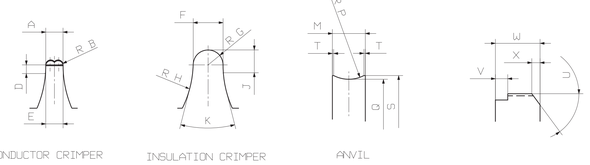
CONDUCTOR CRIMPER INSULATION CRIMPER ANVIL

W = CONDUCTOR CRIMPER THICKNESS
X = INSULATION CRIMPER THICKNESS

RECOMMENDED DIE DIMENSIONS

DIMENSION	A	B	D	E	F	G	J	K	L	M	N	P	Q	S	T	U	V	W	X
UNIT	[mm]			[°]	[mm]			[°]	[mm]										
TOLERANCE	+0.02 0	±0.02	±0.10	±1	+0.02 0	±0.02	±0.10	±1	0 -0.02	0 -0.02	±0.05	±0.05	±0.04	±0.04	±0.04	±0.10	±0.10	±0.02	0 -0.05
VALUE	6.30	1.80	5.00	10	8.50	2.42	5.00	10	6.30	8.50	10.17	18.31	0.50	0.43	0.45	13.00	4.50	4.50	6.00

CRIMP TOOL DETAIL FOR 10mm² WIRE, WP TERMINAL FU5T-14421-FA AND WIRE SEAL 3M5T-10C930-PA



CONDUCTOR CRIMPER INSULATION CRIMPER ANVIL

RECOMMENDED DIE DIMENSIONS

DIMENSION	A	B	D	E	F	G	H	J	K	M	P	Q	S	T	U	V	W	X
UNIT	[mm]			[°]	[mm]				[°]	[mm]					°	[mm]		
TOLERANCE	+0.02 0	±0.10	±0.10	0.50	+0.02 0	±0.01	±0.01	±0.10	0.50	0 -0.02	±0.05	0 -0.02	0 -0.02	±0.10	0.50	±0.10	±0.02	±0.10
VALUE	6.00	1.71	4.00	6	8.65	4.325	18.00	6.50	6	8.65	6.92	29.5	30.86	0.20	45	1.20	9.20	1.50

REMARKS

THE MASTER SOURCE OF INFORMATION FOR THIS DRAWING IS ON A PD COMPUTER DATABASE. CHANGES ARE NOT PERMITTED WITHOUT PRIOR CONSENT OF THE ENGINEERING CAD AREA.

CHANGES IN DESIGN, COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PRODUCTION REQUIRE A NEW ENGINEERING APPROVAL PRIOR TO PRODUCTION.

ENGINEERING APPROVAL OF PRODUCTION SAMPLES FROM EACH SUPPLIER REQUIRED PRIOR TO AUTHORIZATION OF INITIAL PRODUCTION. FOR SAMPLE REQUIREMENTS SEE ENGINEERING RELEASE.

DIMENSIONS AND INSTRUCTIONS WHICH ARE NOT DEFINED ARE LEFT TO THE SUPPLIER'S DISCRETION.

THE MASTER SOURCE OF INFORMATION FOR THIS DRAWING IS IN A PE COMPUTER DATABASE. CHANGES ARE NOT PERMITTED WITHOUT PRIOR CONSENT OF THE RELEVANT ENGINEERING CAD ACTIVITY.

LTRS	REVISIONS			
ORIGINATOR	CHECKER	ENGR APP	MATL APP	
RELEASED EE00-E-10185607-000 ( ) (P) DATE: 92/01/20 CAD: Y				
EDS	KORBEL	A.SWEENY		

REDRAWN TO LATEST DRAWING STANDARDS AFTER REVISION A

B1 DELETED WATERMARK "ADVANCE DRAWING"
B2 ADDED PAGE NO. 2
B3 CRIMP TOOL MOVED TO PAGE 2

AELE-E-11784007-32b 06052015

YAZAKI	WMACZEWS	JPITTEN1	

REFERENCE	9.5 MALE TERMINAL		
PART MUST COMPLY WITH RESTRICTED SUBSTANCE MANAGEMENT STANDARD WSS-M99P9999-A1 TO SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT			
DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS CURRENT AT INITIAL RELEASE		3RD ANGLE PROJ - DIMENSIONS ARE IN MILLIMETERS	
CAD TYPE K-CATIA5	CAD LOC. TCe	CAD FILE 93BG-14421-YA-DWG-01	DTMC IS MASTER
DRER. NO. N/A	UNIT N/A	DRAWING 93BG-14421-YAA	
FU5T-14421-FA	DESIGN YAZAKI	DETAIL SIKANIC	TITLE TRMNL-WIR SNP ON MLE — SHT 2 OF 2
96FG-14421-YAA	CHECKED WMACZEWS	SAFETY N/A	RH/LH N/A
96FG-14421-YBA	SCALE NO SCALE	DATE 20b081b	DIVISION N/A
93BG-14421-YCA			PLANT N/A

FORD MOTOR COMPANY