

14 13 12 11 10 9 8 7 6 5 4 3 2 1

FORD PART NO. SUPPLIER PART NO. DESCRIPTION GREASED Y/N BASE MATERIAL TOP PLATING MATERIAL TOP PLATING THICKNESS (µm) SUBSTRATE PLATING MATERIAL SUBSTRATE PLATING THICKNESS (µm) COPPER WEIGHT (g) TOTAL WEIGHT (g) MATERIAL THICKNESS (mm) MAX AMBIENT TEMPERATURE (°C) VERIFICATION CLASS CONDUCTOR MIN/MAX CSA (mm²) INSULATION MIN/MAX OD (mm) MATING PARTS (FORD PART NO. SUPPLIER PART NO.) W. #0.2 (mm) W. #0.2 (mm) R. #0.2 (mm) R. #0.2 (mm) R. #0.15 (mm) R. #0.15 (mm) L. #0.2 (mm)

EUST-14474-BAA 8240-0477 2.8mm UNSEALED FEMALE SS-TYPE N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.52 0.52 0.3±0.02 125 V1 0.35 1.20-1.63 EUST-14421-HA 8230-5303 2.4 3.2 2.1 2.7 0.6 0.7 8.5

EUST-14474-EA 8240-0423 2.8mm UNSEALED FEMALE S-TYPE N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.53 0.53 0.3±0.02 125 V1 0.5/1.0 1.40-2.10 EUST-1421-AA 8230-5257 3.2 3.8 2.8 3.2 0.9 0.875

EUST-14474-FA 8240-0424 2.8mm UNSEALED FEMALE M-TYPE N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.57 0.57 0.3±0.02 125 V1 1.5/2.5 2.09-3.00 EUST-14421-BA 8230-5258 4.2 4.7 3.7 4.0 1.25 1.125

EUST-14474-GA 8240-0425 2.8mm UNSEALED FEMALE L-TYPE N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.59 0.59 0.3±0.02 125 V1 3.0 3.04-3.20 EUST-14421-CA 8230-5259 4.4 5.2 3.9 4.6 1.3 1.6

EUST-14474-HA 8240-0426 2.8mm UNSEALED FEMALE XL-TYPE N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.63 0.63 0.3±0.02 125 V1 5.0 3.40-3.88 EUST-14421-DA 8230-5260 5.7 6.4 5.3 5.8 1.7 2.0

EUST-14474-JA 8240-0427 2.8mm UNSEALED FEMALE DOUBLE CRIMP N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.59 0.59 0.3±0.02 125 V1 7.67/7.75 1.70-2.10 EUST-14421-BA 8230-5260 4.6 6.6 3.3 4.2 0.75 1.275

EUST-14474-KB 8240-0518 2.8mm SEALED FEMALE M-TYPE N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.53 0.53 0.3±0.02 125 V3 0.5/1.0 1.40-2.79 EUST-14421-AA 8230-5257 3.2 5.1 2.8 5.05 0.9 1.5

EUST-14474-LB 8240-0519 2.8mm SEALED FEMALE M-TYPE N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.57 0.57 0.3±0.02 125 V3 1.5/2.5 2.18-3.43 EUST-14421-BA 8230-5258 4.2 6.1 3.7 5.0 1.25 1.9

EUST-14474-MB 8240-0520 2.8mm SEALED FEMALE L-TYPE N CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.59 0.59 0.3±0.02 125 V3 3.0 3.10-3.94 EUST-14421-CA 8230-5259 5.3 6.6 4.9 6.05 1.55 2.15

EUST-14474-NB 8240-0620 2.8mm SEALED FEMALE S-TYPE WITH GREASE Y(768G) CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.53 0.53 0.3±0.02 125 V3 0.5/1.0 1.40-2.13 EUST-14421-AA 8230-5257 3.2 5.1 2.8 5.05 0.9 1.5

EUST-14474-PB 8240-0621 2.8mm SEALED FEMALE M-TYPE WITH GREASE Y(768G) CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.57 0.57 0.3±0.02 125 V3 1.5/2.5 2.18-3.43 EUST-14421-BA 8230-5258 4.2 6.1 3.7 5.0 1.25 1.9

EUST-14474-RB 8240-0622 2.8mm SEALED FEMALE L-TYPE WITH GREASE Y(768G) CAC60-H Sn 0.8-1.5 Cu MAX 0.3 0.59 0.59 0.3±0.02 125 V3 3.0 3.10-3.94 EUST-14421-CA 8230-5259 5.3 6.6 4.9 6.05 1.55 2.15

EUST-14474-SB 8240-0520 2.8mm SEALED FEMALE S-TYPE AG PLATING N CAC60-H Sn/Ag 0.8-1.5 Cu MAX 0.3 0.53 0.53 0.3±0.02 150 V3/V5 0.5/1.0 1.40-2.79 EUST-14421-AA 8230-5257 3.2 5.1 2.8 5.05 0.9 1.5

EUST-14474-TB 8240-0521 2.8mm SEALED FEMALE M-TYPE AG PLATING N CAC60-H Sn/Ag 0.8-1.5 Cu MAX 0.3 0.57 0.57 0.3±0.02 150 V3/V5 1.5/2.5 2.18-3.43 EUST-14421-BA 8230-5258 4.2 6.1 3.7 5.0 1.25 1.9

EUST-14474-UA 8240-0436 2.8mm SEALED FEMALE L-TYPE AG PLATING N CAC60-H Sn/Ag 0.8-1.5 Cu MAX 0.3 0.59 0.59 0.3±0.02 150 V3/V5 3.11-3.94 EUST-14421-CA 8230-5259 5.3 6.6 4.9 6.05 1.55 2.15

ISOMETRIC VIEW SCALE 1:1

OTHER POSSIBLE CONFIGURATIONS

SECTION B-B (DOUBLE CRIMP) SECTION C-C (DOUBLE CRIMP) SECTION B-B SECTION C-C

SECTION A-A

SECTION D-D SECTION E-E

CRIMP INFORMATION (FOR REFERENCE ONLY)

TERMINAL CRIMP AND GRIP REFERENCE TABLE (UNSEALED)

TERMINAL CRIMP AND GRIP REFERENCE TABLE (SEALED)

MINOR TEARING ON FRONT LIP (NON-SEALING AREA) OF CAVITY SEAL IS ACCEPTABLE.

SEALING AREA

NOTE: 1. PARTS CONFORM TO ALL APPLICABLE SECTION OF SAE/USCAR-2 REV.5, SAE/USCAR-12 REV.2, SAE/USCAR-21, FORD SDS VER 2.1. 2. MAXIMUM MATING FORCE FOR SINGLE UNSEALED 5N. TERMINAL IS 5.7N. 3. MAXIMUM MATING FORCE FOR SINGLE SEALED 5N. TERMINAL IS 6.7N. 4. CAVITY SPECIFICATIONS, SEE SHEET R2. 5. * INDICATES NOT PREP APPROVED. 6. GREASE TYPE IS NYE 768G.

GENERAL TOLERANCES

REFERENCE: UNSEALED/SEALED 2.8 FEMALE TERMINAL

PART MUST COMPLY WITH MATERIAL SPECIFICATION WSS-M99999-A1 TO HELP 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

SEWS RELEASE LEVEL APPLICATION

SEWS DRAWING / PART NUMBER WEIGHT (G) SEE CHART

14 13 12 11 10 9 8 7 6 5 4 3 2 1