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NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: AS-33472-100  
 CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.  
 -STANDARD (NON-SHRT) CONFIGURATIONS DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 999-S-016-2-202. AVAILABLE AT <http://ewcap.moex.com/teams.asp>.  
 -STANDARD (NON-SHRT) CONFIGURATIONS AND SHORTING BAR CONFIGURATIONS DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN DRAWING SD-33486-161.  
 -FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33012-002.  
 -15mm TERMINALS TO BE USED WITH WIRE WITH DIAMETER RANGE OF 1.4mm TO 2.69mm.  
 -FOR 2.8mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE TABLE.  
 -2.8mm TERMINALS TO BE USED WITH WIRE WITH DIAMETER RANGE OF 1.50mm TO 3.30mm.  
 -ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION 2-2 PRE-LOCK).  
 IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.moex.com <http://www.moex.com>.  
 -ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS:  
 ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION: 3N MIN. 40N MAX.  
 -TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.
- b. PRODUCT SPECIFICATION SEE: PS-33476-000  
 CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-30907-895
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS SPECIFICATION ES-40000-5016
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID:13259)
- f. FOR INFORMATION ON 16 WAY HYBRID RECEPT HRN ASSY WITH CLIPSLOT SEE E-33476-181

2. DESIGN - MATERIALS:

- a. SEE BOM TABLE

3. DESIGN - GEOMETRY:

- a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.  
 b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994  
 c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715  
 d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.  
 e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.  
 f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)  
 g. LASER MARKING: TBD

TYCO 2.8mm CABLE SEAL TERMINAL		
FORD P/N	FEMALE RECEPTACLE	GRIP SIZE
IFIT-14474-KA		12
IFIT-14474-JA		14
IFIT-14474-HA		16
IFIT-14474-GA		18
IFIT-14474-FA		20
IFIT-14474-EA		22

INSPECTION NUMBER LOG  
 LAST NUMBER USED:  
 ADDED:  
 REMOVED:

BX	UPDATED TO PLANNED OBSOLESCENCE
BW	ADD NEW P/N 33476-4043 THRU 33476-4046
BV10	ADD NEW P/N 33476-4042
BV9	ADD NEW P/N 33476-4041
BV8	ADD NEW P/N 33476-4037 33476-4038 33476-4039 33476-4040
BV7	ADDED NEW P/N 33476-4023 33476-4024 33476-4025 33476-4026 33476-4027 33476-4028 33476-4029 33476-4030 33476-4031 33476-4032 33476-4033 33476-4034 33476-4035 33476-4036
BV6	ADD NEW P/N 33476-4022
BV5	ADD NEW P/N 33476-4016 33476-4017 33476-4018 33476-4019 33476-4020 33476-4021
BV4	ADD NEW P/N 33476-4014 33476-4015
BV3	ADD NEW P/N 33476-4012 33476-4013
BV2	ADD NEW P/N 33476-4011
BV1	CHANGE PART NUMBER STATUS ADD NEW P/N 33476-4009 33476-4010 ADD NEW P/N 33476-4006 33476-4007
BV	33476-4008
REV	DESCRIPTION

ENTER DESCRIPTION EC NO: JAU2016-0550 DRAWING P/N: 33476-161 REV: 0015/0174 APPROVED: 2015/10/28	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	SHEET NO. OF 8
	4 PLACES ± 0.15 3 PLACES ± 0.1 2 PLACES ± 0.1 1 PLACE ± 0.3 0 PLACE ± 0.15 ANGULAR ± 3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm INCH ± 0.15 ± 0.005 ± 0.1 ± 0.004 ± 0.1 ± 0.004 ± 0.3 ± 0.012 ± 0.15 ± 0.006	MM ONLY DRAWN BY DATE KUNNINGHAM 2011/10/27 CHECKED BY DATE APPROVED BY DATE	TITLE MX150 16 WAY HYBRID RECEPT SEALED ASSEMBLY	3:1	METRIC	
BX	SEE BOM	MATERIAL NO.	DOCUMENT NO.				

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